Akhilesh Kumar

Website: https://www.akhileshcoder.com
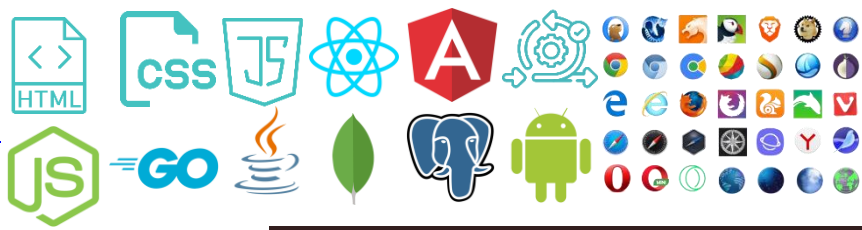**E-Mail:** akhileshcoder@gmail.com
Phone: +91 8585965748
Address: 235, Koramangala, Bangalore

Click here to download concise resume

Seasoned web and application developer with over 12+ years of hands-on experience using the latest web development tools. Proficient in independently building products from inception to production across diverse technologies. A clear communicator with strong organizational skills, I excel in team management, known for influencing core areas and embracing challenges, I specialize in crafting readable, clean, and performant code. Possessing a keen insight into market technologies, I stay abreast of industry trends to contribute to the future landscape.

IT Skills

Client-Side Technology

Base: HTML5, CSS3, JavaScript (ES 5, 6+), TypeScript, Browser Extensions, Web Components
CSS Frameworks / Preprocessor: Twitter Bootstrap, Skeleton, Spectre, Material design, Less, Sass, PostCSS
JS Frameworks / Library: Angular (1.x, 2+, latest), reactJS (15.x, latest), redux, VueJS, Hyperapp, Polymer, Knockout, backbone, jQuery, Require.js, Underscore.js, lodash, Turn.js, High Chart, Am Chart, Zing Chart, Chart.js, D3.js, Google-Chart, immutableJS
Task Runner: Grunt, Gulp, Webpack
Design Paradigm: MVC, MVVC, Micro-UI, Constructor Pattern, PubSub, Flux, V+logic

Server-Side Technology

Base: nodeJS, Express, GoLang, Gin, Gorilla, Java, JSP, php, C++, Shell Scripts, python, Apache Shindig
Frameworks / Library: Async, hypernova, handlebar, pug, jade, line-by-line, json-schema, Passport, Database Connectors, Stripe, Razorpay
Database: MySQL, ORACLE 10g/11g, MongoDB, PostgreSQL, Elastic-Search, noe4j, Informix, Hana, DB2
Utility / CI-CD: Clustered Server, Load Balancer, Docker, Jenkins, Kubernetes, Kafka, Zookeeper, C-Panel, Apache Tomcat, Apache Maven, Gradle, DNS management
Cloud: Microsoft Azure, GCP, AWS (EC2, Cloud9, IAM, S3, Lambda Function, CloudFront, Route53)

System

Unit / Integrated Test: Mocha, chaiJS, shouldJS, Assert, expect, Mocky, Grunt-cefe-mocha, request, Protractor, Jest, Selenium, Robot Framework
App Development: Cordova, Cordova Plugin, Hybrid App development, React Native, React Native Plugin Development, Ionic, PhoneGap, Android/IOS native app development
Miscellaneous: Data Structure, WordPress, Optimize-Press, HTML-email, VOS, VOS Kernel programming, VOS Media Micro-Services, Google API (Translation, GCP, Map etc.), IOT, Socket.io, WebRTC
IDEs / Servers / Tools: Eclipse, Webstorm, PyCharm, Android Studio, XCode, Visual Studio
Version Control Systems: Tortoise SVN Client, Git, GitHub, Bitbucket, GitLab, Git API/webhooks
Big-Data: Data Analysis, Data Cleansing, Data Optimization, Data Processing, Data Visualization
Data Processing Tool: Sicence, PowerBI, Data-Cleaner
Monitoring: Mixpannel, Data dog, Sentry, Log-Rocket
Web Security: Website Security Analyst, Cryptography, Back-end/Front-end protection, Cybersecurity Essentials
White Hat: Web Scanning, Port Scanning, DNS Analysis, Network Analysis, Route Rerouting, Proxy Node, Database Snooping, OS Backdoors, Encryption, Decryption, Removing Fingerprint, Removing Footprint
Game Engine and Logic: Smart-Fox Multiplayer Game Server, Pot Logic, Game Logic, Score Management
Embedded System & IOT: JerryScript, Raspberry pi 3, wiring-pi, Microcontroller/Raspberry Pi connection through Web-Interface
SDLC worked upon: Agile Methodology, Waterfall, Build & Fix
Web-App Approach: PWA, Atomic Design, MVC, MVA, SOLID

Open Source Contribution

Git (GitHub and GitLab): html-email-bible, angular2-bible, Automatic-Web-Project-Builder, nextfootball, csv2jsn, crack-front-endinterview, my-react-class, angularjsClass, angularClass, ang5-trainning, ang1-trainning, react-vppss, uiTrainning, fan, mylogger, car, test_payment, y2j, 55+ private repository
Stack-Overflow (9200+ reputation): https://stackoverflow.com/users/4655241/akhilesh-kumar
Node Package Module (NPM): https://www.npmjs.com/package/web-project-builder, https://www.npmjs.com/package/y2j
W3C: https://discourse.wicg.io/u/Akhilesh_Kumar
Public Blogs: https://akhileshcoder.com/blog, https://edgenetworks.in/2017/04/27/glimpse-javascript-backend-nodejs, https://edgenetworks.in/2017/05/04/part-1-glimpse-javascript-backend-nodejs

Organizational Experience

Feb 22 - Present	**Position:** Tech Lead **Company Name:** Turing (with clients like Siam Makro and others) **Domain:** E Commerce
Feb 21 - Feb 22	**Position:** Technical Architect **Company Name:** Mo-Engage India PVT LTD, Bangalore (India) **Domain:** Customer engagement platform
Sep 18 - Jan 21	**Position:** MTS – 4 (Technical Architect + Team Lead + IC) **Company Name:** Nutanix, Bangalore (India) **Domain:** Cloud computing, Hyper-converged infrastructure appliances
May 17 - Sep 18	**Position:** Senior Software Engineer **Company Name:** Cisco Systems, Bangalore (India) **Domain:** Cloud computing, Hyper-converged infrastructure appliances
Jan 11 - May 17	**Position:** Freelancer, Prime contributor, As a consultant, On contract **Company Name:** AVR Edge Networks (Domain: HR assessment and smart recruiter), Wealth-pack Advisor PVT LTD (Domain: FinTech, Acquired by Edelweiss), Gauss Networks (Domain: Playing Card gaming), WGCZ Holding(xvideos.com), Porsche Technology, App4pc, Exactuals, Skylo Technology (Domain: IOT, Satellite Communication, Machine Learning) etc.

Role and Responsibilities:

Collaborating with members for adopting Agile Methodology in the development process

Been responsible for management of multiple teams in with max team size of 20

Suggesting technology-based solutions for enhancing functional efficiency and achieving business excellence

Keeping activities focused on the business change objectives by providing framework for senior management to direct and manage the change process

Understanding process requirements and provided use cases for business,functional & technical requirements

Establishing healthy business relations and developing excellent rapport to retain customers and providing technical guidance to colleagues & customers

Developing software solutions by studying information needs, conferring with users, studying systems flow, data usage, and work processes

Significant Accomplishments

Cisco and Nutanix

Got multiple CR (candidate recognition) in cisco of amount 800x2, 1600, 5000x2, 8000, 15000x3

Got appraisal before completion of 1 year in both Cisco and Nutanix

Bagged 1st prize in Hack-day, Good Code of conduct and at cisco and 2nd prize at Nutanix in Hackathon

WealthPack

Played a key role in turning-around core project WealthPack and others from scratch to production as freelancer

Gauss Networks

Created two major games (Poker and Teen Patti) from scratch with pot logic and conducted its tournament.

AVR Edge Networks

Secured new clients such as Genpact, HCL, Randstad, Microland, Aricent, Wipro, Virtusa, Dell, ICICI, Persistent through delivering ahead of deadlines.

All Companies

Improved application efficiency by debugging / revamping several applications across all companies.

Managed release of several products within an extremely short timeline, delivering it for testing ahead of schedule

Projects Undertaken

Siam Makro Domain: e-Commerce	**Title:** Siam Makro (App + Web) **Technologies:** HTML5, CSS3, JavaScript, reactJS, nodeJS, GoLang, AWS **Description:** Mobile + web app for e-Commerce **Title:** Store expansion Tool **Technologies:** nodeJS, GoLang, PostgreSQL **Description:** Tool for registering and de-registering store outlets **Title:** Thailand Area mapper **Technologies:** nodeJS, GoLang, Shell Scripts, g-map **Description:** Mapping and re-mapping for different user/store areas

Mo-Engage
Domain: Customer engagement platform

Title: Flows
Technologies: HTML5, CSS3, JavaScript, reactJS, nodeJS, python, Java, Docker
Description: UI based Customer action creator and walker

Title: ATG (Automated Test Generator)
Technologies: HTML5, CSS3, JavaScript, reactJS, Protractor, Selenium, Robot Framework
Description: UI based test generator for full featured integration repository with framework like Protractor, Selenium and Robot

Title: MOE Dashboard
Technologies: HTML5, CSS3, JavaScript, reactJS, TypeScript, nodeJS, python, Java, Docker
Description: Customer engagement platform

Nutanix
Domain: Cloud computing, Hyper-converged infrastructure appliances

Title: CALM
Technologies: HTML5, CSS3, JavaScript, reactJS, Immutable
Description: hyper-converged infrastructure appliances and software-defined storage

Title: CALM Debug and developer Tool
Technologies: HTML5, CSS3, JavaScript, Chrome Developer Tool
Description: Customized debug tool for CALM

Title: ATT (Automated testing tool)
Technologies: HTML5, CSS3, JavaScript, reactJS, Immutable, Spectre, Chrome Extension
Description: UI based auto generated testing tool

Title: Automated data tree
Technologies: HTML5, CSS3, JavaScript, reactJS, Immutable, php
Description: UI based auto generated 2-way data tree

Title: Cerebro
Technologies: nodeJS, JerryScript, python, IOT, GoLang
Description: Auto snapshot, self-healing, planned healing of PC and clusters

Title: DRASS (Disaster Recovery as a Service)
Technologies: HTML5, CSS3, JavaScript, reactJS, Immutable, nodeJS, python, GoLang
Description: Disaster Recovery as a Service of PE (Prism element) with help of Cerebro

Title: Prism
Technologies: HTML5, CSS3, JavaScript, reactJS, Immutable, php
Description: Cloud provider and management tool

Title: NC (Nutanix Central)
Technologies: HTML5, CSS3, JavaScript, reactJS, Immutable, nodeJS
Description: Cloud provider and management tool dashboard

Cisco Systems
Domain: Networking, Network Security, Unified Intelligence Center

Title: CUIC (Cisco Unified Intelligence Center)
Technologies: HTML5, CSS3, JavaScript, jQuery, Angular, lodash, Java, Security Analysis
Description: An extension of traditional contact center reporting with dashboard, reports, report definitions, trackers, validators and access panels

Title: CCX (Contact Center Switchers)
Technologies: nodeJS, python, Shell Scripts, Java, MySQL, VOS, VOS Kernel programming, VOS Media Micro-Services, GoLang
Description: VP (Voice Packets) routing to Agents and lead, VP management during snooping and routing,Fetching history data on the basis of VP Source Details. Round Robbin for agents on cluster by skill, availability, language, rating etc.

Title: FINEXT
Technologies: HTML5, CSS3, JavaScript, jQuery, Angular, Java
Description: An application where Agents, Leads, Managers and Admin interacts to client or reports

Title: CD (Common-Desktop)
Technologies: HTML5, CSS3, JavaScript, reactJS, Angular, Apache Shindig, Java
Description: A generic framework with standard project structure which is being used across Cisco BU and projects to provide consistency across application. All other application provides gadgets/components after overlapping Common Desktop

Title: CD Toolkit
Technologies: HTML5, CSS3, JavaScript, reactJS, Angular, Sass, CX-Module
Description: All generic plug n play UI components for reactJS, angularJS and angular 2+ applications

Title: Static Code Analyzer for browser compatibility
Technologies: HTML5, CSS3, Angular, nodeJS, GoLang, Git API/webhooks, Jenkins, Shell Scripts
Description: Application which scan for browser compatibility issues inside application automatically and suggest for its solution. Which glues with local project, hosted git project, git commits, git pull requests and adds comments to corresponding lines if it can cause issue in given set of browsers

Title: Information Security Analysis (at Codec Networks)
Period: Jun'13 – Aug'13
Technologies: Web Scanning, Port Scanning, DNS Analysis, Network Analysis, Route Rerouting, Proxy Node, Database Snooping, OS Backdoors, Encryption, Decryption, Removing Fingerprint, Removing Footprint
Title: Java Level 1 (at Purpleleap)
Period: Sep'12 – Dec'12
Technologies: Java
Title: Distance Learning (at CMC Ltd.)
Period: Jun'12 – Jul'12
Technologies: Java, HTML5, CSS3, JavaScript, jQuery, MySQL

Title: Attrition Analysis Application - Developed for: AVR Edge Networks
Technologies: Angular, Webpack, nodeJS, MongoDB
Description: Analysis of candidate's attrition probability (Chances to leave company) depending upon his market value (Based on knowledge, experience, stack supply and its demand), reason and suggestion for how to retain the candidate
Client: Genpact
Title: Hirealchemy (Main Product) - Developed for: AVR Edge Networks
Technologies: AngularJS, reactJS, Underscore.js, python, nodeJS, MongoDB, Elastic-Search
Description: Vacancy Creation, managing candidate status from searching till hiring
Client: HCL, Randstad, Microland, Aricent, Wipro (Small different named Wipro ISSP)
Title: IWO (Internal Workforce Optimization) - Developed for: AVR Edge Networks
Technologies: reactJS, TypeScript, Webpack
Description: Candidate hiring process management e.g. screener get candidate, TEG Manager propose or reject candidate on several parameters, Interviewer schedule and updates candidate status, Scheduler assign/reassign interviewer slots, Hiring Manager can do anything above other than screener work and hires the candidate
Client: HCL, Virtusa
Title: Profile Builder - Developed for: AVR Edge Networks
Technologies: HTML5, CSS3, JavaScript, jQuery, Angular
Description: Profile builder for candidates auto filled information of candidate after uploading resume
Client: Dell
Title: Wipro Analytics - Developed for: AVR Edge Networks
Technologies: HTML5, CSS3, JavaScript, jQuery, Angular
Description: Demand creator and optimizer, Hiring Analysis e.g. gap analysis, Seasonality
Client: Wipro
Title: Auto sourcing chrome Extension - Developed for: AVR Edge Networks
Technologies: JavaScript, Chrome Extension, Gulp
Description: Sourcing candidates from deferent job portals and social pages e.g. Naukri, Shine, LinkedIn, indeed, GitHub, Facebook, tweeter, SlideShare etc.
Client: Randstad, ICICI
Title: Activity Logger and viewer - Developed for: AVR Edge Networks
Technologies: JavaScript, nodeJS, MongoDB, reactJS, TypeScript, Webpack
Description: Getting, all activity of user like clicks, http request, thrown error, custom events etc. on any of our product and logging them to DB then show in view (Using Charts), generating reports and userstory from them.
Client: Randstad, ICICI
Title: Demand Supply Manager - Developed for: AVR Edge Networks
Technologies: JavaScript, reactJS, TypeScript, Webpack
Description: Managing Several Demand Supply in Persistent
Client: Persistent
Title: Global Bulk File Uploader - Developed for: AVR Edge Networks
Technologies: JavaScript, Angular, TypeScript, Webpack
Description: General bulk file upload system which can be used in any application
Client: HCL, Randstad, Microland, Aricent, Wipro, Persistent, Dell
Title: Teen Patti & Poker - Developed for: Gauss Networks
Description: It is an online playing card game.
Technologies: HTML5, CSS3, JavaScript, Angular, lodash, MySQL, nodeJS, Mocha, Grunt, Grunt-cefe-mocha, chaiJS, shouldJS, Assert, request
Title: WealthPack - Developed for: WealthPack Adviser PVT Ltd
Description: A Web App and Android app to track analyze and control over financial expense of user in interactive environment by getting authentication from any of their Email (Gmail, Yahoo etc.),SMS services, android pocket app, mac pocket app accounts.
Technologies: HTML5, CSS3, JavaScript, jQuery, Angular, Underscore.js, Twitter Bootstrap, Java, Security Analysis, Big Data
Title: Internal Control and Categorizing S/W - Developed for: WealthPack Adviser PVT Ltd
Description: Intra network Web Application for categorization of companies with identification of employees and machine they are working on in contrast of coordinate area in which companies are lying and re-categorization of companies with history maintained.
Technologies: HTML5, CSS3, JavaScript, jQuery, Angular, Underscore.js, Twitter Bootstrap, Java, MySQL

Title: Media payment management - Developed for: Exactuals
Description: Payment management between production house, Exactuals, CNB (city national bank), guild, end talent
Technologies: Java, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular, nodeJS, AWS, Lambda, Java, PostgreSQL
Title: Operation Portal - Developed for: Skylo
Description: Operational Portal where bidirectional tracking analyzing and communication can be done between HUB (IOT devices) and N-Level operators over satellite/socket/http/wi-fi/Bluetooth
Technologies: HTML5, CSS3, JavaScript, reactJS, TypeScript, nodeJS
Title: Domain Mapper: as freelancer for WGCZ Holding
Technologies: nodeJS, reactJS
Description: Multiple sandbox web-app hosting on single server with single IP

Title: xVideos: as freelancer for WGCZ Holding
Technologies: nodeJS, reactJS
Description: Media Management template application
Title: Musiplus (Compose Music Online & Other Fun Activity): A hobby project
Description: Compose Music online & other fun activity
Technologies: HTML5, CSS3, JavaScript, jQuery, Java, MySQL
Title: Criminal Record Management System (Submitted to IBM TGMC-2012)
Description: Maintain criminal's records, traverse records by face, fingerprint & retina image
Technologies: Java, HTML5, CSS3, JavaScript, jQuery
Title: Chess (without AI), Tic-tac-toe (with AI), various hacking tools and viruses: A hobby project
Technologies: Java, Shell Scripts
Title: Online WhatsApp (Enhanced version for popular WhatsApp apps): A hobby project
Description: Enhanced version for popular Android app WhatsApp
Technologies: Java, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular
Google Map and Search API
Title: Apper (Make apps for windows, android, iOS with few clicks on web): A hobby project
Description: Make apps for Windows, Android, iOS with few clicks on web
Technologies: Ionic, nodeJS, reactJS, Gulp, Chart.js, Shell Scripts
Title: Internal Search Engine
Description: Intranet search engine for internal applications and pages
Technologies: nodeJS, MongoDB, Data Structure
Title: Best Deal
Description: Providing deal, product, offer over searched query using exposed API several trip/Ecommerce/coupon websites
Technologies: nodeJS, Express, JavaScript, Angular
Title: Robot Control system using web interface: A hobby project
Description: Controlling Robots using web interface with live Camera and GPS update, which was extended to crawl website remotely on different networks in case IP is getting blocked or load for heavy traffic
Technologies: Raspberry pi 3, nodeJS, Angular, wiring-pi, Socket.io
Title: Chatbox: A hobby project
Description: Realtime chat integrated with full replica of android on web
Technologies: Java, python, nodeJS, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular, nodeJS

Academic Details/Achievements

2007
10th from K.H.S. High School, Secured 65%
2009
12th from S.N.S. College, Secured 67.6%
2014
B. Tech. (Information Technology) from Dr. Akhilesh Das Gupta Institute of Technology & Management New Delhi, G.G.S.I.P.U. secured 69.13%
Achievements
Bagged first prize in College, District, and State Level Debate competitions
Selected in IIT JEE-2009 (E.M.L.)
Awarded by 2nd prize in 'Playing Card (Rummy and Poker both)' competition and 1st prize in 'Chess' and 'Dare IT' competition at NIEC during B.Tech.
Appeared in eLitmus and scored verbal (51.16), problem solving (95.31), quantitative (91.49) percentiles

Personal Details

Languages Known: English, Hindi, Sanskrit
Marital Status: Single (No dependents)
Passport Details: Indian, Valid till November 2025