KANHAINYA AGRAWAL

Software Engineer

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SUMMARY

Software Engineer specializing in full-stack development with expertise in React.js, Vue.js, and Node.js. Experienced in building scalable web applications and optimizing system performance. Strong algorithmic problem-solving background with 800+ competitive programming challenges solved. Currently exploring Al/ML technologies to develop innovative solutions.

TECHNICAL EXPERTISE

Languages: Java, JavaScript, TypeScript, Python

Frontend: React.js, Redux, Vue.js, Nuxt.js, TailwindCSS,

HTML5, CSS3

Backend: Node.js, Express.js, REST APIs, JWT

Authentication, Mongoose

Databases: MongoDB, MySQL, IBM Cloudant

Tools: Git, GitHub, VS Code, Postman, Excel, Netlify

EXPERIENCE

Associate Software Developer Intern Feb 2025 - Present Compro Technologies | New Delhi

- Architected and developed scalable web applications using Vue.js and Nuxt.js for enhanced server-side rendering and SEO optimization
- Refactored legacy API architecture improving code modularity and reducing integration time by 25%, enhancing developer productivity across 5+ teams
- Implemented comprehensive backend services with Node.js and Express.js, achieving 30% performance improvement through optimized database queries and caching strategies
- Collaborated with cross-functional teams of 8+ members in agile environment to deliver high-impact features within sprint deadlines, maintaining 95% on-time delivery rate

SDE Intern

Nov 2024 - Dec 2024

BlueStock Fintech | Pune

- Engineered IPO analytics dashboard processing 10K+ daily transactions via optimized REST APIs, increasing data throughput by 35%
- Implemented comprehensive error handling and automated test suites for mission-critical financial endpoints, reducing production bugs by 40%
- Developed reusable backend service modules, accelerating new developer onboarding by 50% and improving code maintainability

EDUCATION

B.Tech Information Technology

Nov 2021 - Jun 2025

Maharaja Agrasen Institute of Technology

CGPA: 8.6/10 | Relevant Coursework: Data Structure & Algorithms, Object Oriented Programming, Database Management System, Operating Systems

PROJECTS

Twooter - Community-Driven Social Platform

Node.js, React.js, MongoDB, Express.js, JWT Authentication, Responsive Design

Live Demo • GitHub

- Developed full-stack social media platform with friend discovery, real-time messaging, and personalized content feeds for authentic community building
- Implemented intelligent recommendation engine for movies, books, restaurants, and travel destinations using collaborative filtering algorithms
- Built comprehensive user dashboard with customizable profiles, privacy controls, and responsive mobile-first design for optimal user experience
- Integrated connection features with mutual interest matching and geographic proximity algorithms to enhance meaningful social interactions

ArkaEve - Event Management Platform

Node.js, React.js, Redux, Express.js, MongoDB, JWT Authentication, Responsive Design

<u>Demo Video</u> • <u>GitHub</u>

- Built full-stack event management platform serving 20+ venues and 50+ restaurants across India with price range filtering, venue recommendations, and integrated admin panel
- Implemented secure JWT authentication with role-based access control for multiple user types (planners, vendors, administrators) and comprehensive vendor rating system
- Optimized database schema and queries resulting in 40% faster page load times with responsive design ensuring seamless cross-device experience
- Developed trustworthy vendor directory with historical performance tracking, ratings, and reviews enabling datadriven event planning decisions

ACHIEVEMENTS

- HackerRank Certified Software Engineer Validated proficiency in problem-solving and software development
- Competitive Programming Excellence: 800+ problems solved | LeetCode Rating: 1674 | CodeChef Rating: 1603 (3★)
- Contest Performance: Ranked 55th out of 16,000+ participants in CodeChef START143D Contest
- Hackathon Recognition: Top 16 Finalist at HackOverflow Hackathon, NIT Durgapur
- · Achieved 5 star rating in Java Progoramming on HackerRank