

Rahul Maurya

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SUMMARY

Senior Full Stack Developer with 4+ years of experience building scalable cloud-native applications using Node.js, Java (Spring Boot), React.js, PostgreSQL, and AWS. Proven experience designing microservices, REST APIs, batch-processing solutions, and AI-powered developer tools for enterprise healthcare applications. Skilled in optimizing application performance, reducing operational costs, and delivering secure, scalable software solutions.

PROFESSIONAL EXPERIENCE

- **Cognizant** India
Senior Associate *Sep 2021 - Present*
 - **Senior Full Stack Developer:** Designed and deployed 10+ REST APIs for enterprise healthcare applications using Node.js, Java (Spring Boot), and React.js. Built 10+ microservices and scheduled batch jobs supporting applications used by 5,000+ internal users. Developed, deployed, and monitored cloud-native applications on AWS using ECS, Lambda, S3, API Gateway, and CloudWatch. Improved SQL query performance by 30% through query optimization and indexing, reduced iText software licensing costs by optimizing PDF generation solutions, contributed to 8+ enterprise projects across diverse business requirements, and collaborated with 4+ developers, QA engineers, and DevOps engineers while providing technical support across multiple development teams.
- **Cognizant Intern** India
Trainee *Jan 2021 - May 2021*
 - **MERN Stack Developer:** Developed reusable React components and functions for seamless integration into pages. Implemented server-side logic using NodeJS and ExpressJS, incorporating middleware to handle HTTP requests effectively. Utilized MongoDB for data storage and played a key role in designing and developing RESTful APIs and backend services to interact with the data storage layer.

TECHNICAL SKILLS

- **Backend:** Node.js, Java (Spring Boot), Python, Express.js
- **Frontend:** React.js, JavaScript
- **Database:** PostgreSQL, MongoDB
- **Cloud & DevOps:** AWS (Lambda, ECS, API Gateway, S3, CloudWatch), Linux
- **AI Integration:** LLM Integration, AI Automation, AI Code Review, Documentation Generation
- **Tools & Practices:** Git, Postman, CI/CD, Jira, Docker

PROJECTS

- **AI Code Reviewer:** Built an AI-powered code review platform using LLMs to detect security vulnerabilities, code smells, coding-standard violations, and formatting issues across source code repositories.
- **AI Documentation Generator:** Built an AI-powered documentation generator that analyzes source code to automatically create and maintain technical documentation, reducing manual documentation effort by 60%.
- **LogChain:** Built a blockchain prototype in Rust for storing log files to improve the security of the system
- **COVID-19 Predictor:** Developed a Flask-based machine learning application to visualize and forecast COVID-19 trends.
- **Audio CAPTCHA Solver:** Developed an accessibility-focused web application to help visually impaired users overcome CAPTCHA challenges through audio-based validation.

CERTIFICATIONS

- **Anthropic:** Claude Certified Architect – Foundations (CCAF)
- **Amazon Web Services:** AWS Certified Cloud Practitioner
- **Microsoft:** Certified Azure Developer
- **EC-Council:** Certified Ethical Hacker (CEH)
- **EC-Council:** Certified Network Defender (CND)
- **Aviatrix:** Certified Multi-Cloud Engineer
- **Intel:** AI From the Data Center to the Edge

EDUCATION

- **Galgotias University - B.Tech** U.P, India
B.Tech in Computer Science (Computer Networks & Cyber Security)

ACHIEVEMENTS

- **Hackathon:** Participated and Won in multiple National Hackathons including SIH & Devfolio events
- **Chess Winner:** Galgotias University (1st Prize)
- **IIT BHU Spardha:** Chess Team Runner-Up (3rd Position)