

Ravi Rajesh

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Professional Experience

Software Engineer

Aug. 2022 – Present

Hexaview Technologies

Noida, Uttar Pradesh

- Engineered web applications using Node.js, Express.js, Fastify backends
- Developed and maintained scalable RESTful APIs using Express.JS, Fastify, AWS Lambda, and API Gateway
- Created schema designs while utilizing caching using Redis that resulted in reduced API response time by 30-40%
- Built event-driven architecture using AWS SQS, SNS, and Apache Kafka for real-time updates, monitoring, audit logging and parallel processing
- Created CI/CD pipelines using AWS services, Git, Jenkins, and Docker, resulting in 40% faster deployments
- Incorporated ESLint, SonarQube, and custom frameworks while applying test-driven development with Jest, reducing bugs in development phase by 20% to enhance code quality and reusability

Software Engineer Intern (Test)

Jan 2022 - June 2022

Arista Networks

Pune, Maharashtra

- Performed regression testing of C-360 platform and etah release features
- Assessed and troubleshooted computer problems brought by students, faculty and staff
- Tested software features and hardware using Wi-Fi Roaming, Computer Networking, IEEE 802.11, Wireless
- Regression testing of etah release features
- Carried out integration testing for features

Projects

Visitor Management System | Node.js, JavaScript, MySQL, Docker, AWS

Aug. 2022 – Jul. 2023

- Developed a full-stack MERN application with React.js frontend and Node.js/Express.js backend
- Created RESTful API handling 2000+ active user sessions monthly with MySQL database integration
- Implemented user authentication and authorization features for secure visitor check-in/check-out
- Containerized application with Docker and deployed on AWS EC2 for scalability
- Implemented CI/CD pipeline with Jenkins, reducing deployment time by 30%

Achievements & Certifications

- Skill competency certificate by NASSCOM
- 5 Star on HackerRank. Solved over 100s of questions in C++, Java, Python
- 3 Star on LeetCode. Solved over 300s of questions in Java
- Solved 500+ questions on HackerRank, GeeksforGeeks, LeetCode and CodeChef combined and attended contests
- Ranked 17 in institute ranking of GeeksforGeeks among 1000s of students
- Programming, Data structures and algorithms using Python by NPTEL which is an IITs incubated course
- Java Basic By HackerRank
- Python Basic By HackerRank

Positions of Responsibility

- Sports coordinator in college sports fest, managed the whole fest as well as led a team for tug of war

Technical Skills

Backend: Node.js, Express.js, Fastify, REST API development

Core Technologies: JavaScript, TypeScript

Databases: MySQL, PostgreSQL, MongoDB, Redis

Cloud & DevOps: AWS (Lambda, S3, CloudFormation, CloudWatch, SNS, SQS, EC2, ECR), Docker, Jenkins, CI/CD

Architecture: Microservices, Event-driven architecture, API design, LLD, HLD

Other: Jest, TDD methodologies, Git, Apache Kafka, Agile/Scrum

Education

Birla Institute Of Technology, Mesra

Jul. 2019 – May. 2022

Master Of Computer Applications

CGPA: 8.1