Ujjawal Yadav

Software Engineer | Full-stack Developer

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Full Stack Engineer with 2.3 years of progressive experience in building scalable, high-performance applications across the software development lifecycle. Targeting opportunities in Full-stack Development emphasizing the development and enhancement of applications that deliver exceptional performance and user satisfaction across various technology platforms.

Core Competencies

Software Development Life Cycle

Agile Project Methodology

Performance Optimization Techniques

User Experience Design

Cloud Architecture Strategies

Continuous Integration and Deployment

Microservices Architecture

System Scalability Solutions

Cross-functional Coordination

Education

2023: Bachelor of Engineering from The NorthCap University, Gurugram with 8.3 CGPA

Technical Skills

Back- end Development: Node. JS Microservices, RESTful APIs, Express , JWT.
Real- Time Systems: Kafka Streams (hands- on experience), Event- Driven Architecture
Front-end Development: React (basic proficiency), HTML, CSS, JavaScript
Cloud & DevOps: AWS, Docker, CI/CD Pipelines (GitHub Actions, Jenkins), Git
Databases: MySQL, PostgreSQL, Elasticsearch, MongoDB
Tools: VS Code, JIRA, Postman, SonarQube, Sentry, GitHub Actions
Concepts: Distributed Systems, Containerization, Agile Methodologies

Profile Summary

Exhibited proficiency in crafting **back-end solutions using Node and Express**, with hands-on expertise in **microservices architecture and API development**. Skilled at designing responsive and **interactive front-ends with React**.js, ensuring seamless end-user experience through cohesive integration with back-end services.

Possess a strong command over **containerization and deployment workflow**, leveraging **Docker and AWS** to streamline cloud-based deployments. Skilled in implementing **real-time data solutions using Kafka Streams** and enhancing release velocity through **robust CI/CD pipelines**. Proven capability to modernize legacy systems, drive architectural improvements, and reduce operational bottlenecks through automation and engineering best practices.

A collaborative team contributor with a flair for mentoring, performance tuning, and delivering business-driven solutions that improve efficiency, scalability, and user satisfaction.

Notable Accomplishments

- Recognized by the CEO for streamlining JIRA workflow, resulting in a 20% improvement in project delivery timelines.
- Ensured 99.9% uptime for mission-critical systems by implementing proactive issue detection and resolution strategies.

Work Experience

Software Engineer | Quara Ai Tech | Feb 2023 – Present

- Developed over 80 scalable microservices for an auction platform using Node.js and RESTful APIs, contributed to a 25% increase in user engagement.
- Implemented real-time, event-driven solutions with Kafka Streams to support bid tracking and notification systems, while improving system responsiveness.
- Assisted in building UI components with React, ensured smooth integration and end-to-end delivery of application features.
- Managed cloud deployment of services on AWS (EC2, S3) using Docker containers, leading to a 30% reduction in latency through cloud-native optimizations.
- Enhanced CI/CD pipelines with GitHub Actions and Maven, facilitated faster and more reliable sprint deployments with a 20% increase in delivery speed.
- Addressed over 1,500 SonarQube issues, while lowering technical debt by 15% and improving overall code quality and maintainability.
- Collaborated with cross-functional teams to define, review, and deliver high-quality features, actively participated in code reviews and design discussions.

Key Achievements:

- Automated auction creation workflow, reduced down process time from 30 minutes to just 2–3 minutes.
- Contributed to a 50% revenue increase by supporting the development of a private-auction platform and hybrid model with dynamic service proposals.

Projects Undertaken

Art Reviewer

- Developed a full-stack Art Reviewer platform using React and Node.js, enabling users to post diverse art forms and blogs, with interactive features like likes, subscriptions, and follows to foster a creative community.

Hotel Management System (Airbnb) | GitHub

- Engineered a robust hotel management platform leveraging Java, Spring Boot with MVC architecture, while implementing secure JWT-based authentication and comprehensive APIs for property listings and bookings.

Automated Auction Script | Quara Ai Tech

- Designed and deployed a high-efficiency automation script using Node.js and Express.js, streamlined auction creation workflow and reduced execution time from 30 minutes to under 3 minutes; integrated MongoDB for scalable data persistence.

Personal Details

Date of Birth: 19th June 2001
Languages Known: English & Hindi
Address: Gurgaon, Haryana, India