

Upendra Jaiswal

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Professional Experience

Capgemini

Full Stack Developer

February 2022 - Present

- ▷ **Client Project A:** Developed a responsive web portal using React with TypeScript and Node.js, reducing page loading times by 40% and enhancing user engagement by 25%. Leveraged Kafka for event-driven architecture, supporting a user base of over 10,000. Implemented GraphQL APIs for seamless communication and real-time updates, improving overall system efficiency.
- ▷ **Client Project B:** Designed and implemented a scalable backend system with Node.js and Express.js, focusing on real-time data processing. Integrated GraphQL APIs and Kafka, improving data throughput and reliability. Optimized MongoDB, resulting in a 30% boost in query performance and handling data for over 5,000 concurrent users. Employed React Testing Library and Jest for comprehensive automated testing.
- ▷ **Client Project C:** Led the development of a workflow automation platform using React and Node.js, automating and orchestrating complex workflows, reducing manual intervention by 50%. Managed deployments with Docker and Kubernetes, enhancing system scalability and reliability, and ensuring robust operations for a user base of over 15,000.

Tech Stack: React, TypeScript, Spring Boot, Quarkus, Mutiny, Kafka, Argo Workflows, Docker, Kubernetes, PostgreSQL, MongoDB, RESTful API

Axlesys

Software Engineering Intern

September 2020 - January 2021

- **API Integration and Optimization:** Integrated and optimized RESTful APIs for data retrieval and management, enhancing performance and reliability. Implemented caching mechanisms and improved API response times by 50%.
- **Real-time Dashboard Development:** Designed and developed a real-time dashboard with backend support for live data updates. Focused on efficient data handling and processing to reduce rendering times by 30%.

Skills

- **Programming Languages:** Golang, Java, Python, JavaScript, C++
- **Databases:** PostgreSQL, MySQL
- **Containerization and Orchestration:** Docker, Kubernetes
- **Messaging Queues:** Kafka, RabbitMQ
- **API Design and Development:** RESTful API, Microservices
- **DevOps Tools:** Git, GitLab, AWS
- **Soft Skills:** Problem Solving, Performance Optimization, Team Collaboration, Creative Thinking

Education

O.P. Jindal University

2015-2019

- Bachelor of Technology in Computer Science and Engineering

Projects

- **Subbuddy App:**
 - Developed a subscription-sharing app allowing users to log in and share subscriptions with others. Implemented chat functionality for users to communicate about shared subscriptions. Focused on ensuring seamless user interactions and data management. Subbuddy
- **Food Delight App:**
 - Created a food ordering app that allows users to browse menus, place orders, and manage their food delivery preferences. Designed the app with a focus on user-friendly navigation and a smooth ordering experience. Food Delight