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

- **Enhanced Transaction Reliability in Unisocks-inspired Project:**
  - Improved transaction reliability by 1.2 times and platform stability through backend optimizations and bug fixes. Commits link
- **Crypto Dashboard Frontend Development:**
  - Worked on the frontend of a React-based crypto dashboard, designing and implementing user interfaces to enhance data visualization and user experience. Developed and integrated pages to support efficient decision-making. Crypto Dashboard