MOHIT GUPTA

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TECHNICAL SKILLS

Programming: Java, Javascript, SQL

Technologies and Frameworks: Spring Boot, NodeJs, ReactJs, Angular JS, AWS, Docker, Kubernetes, Git, Kafka, GCP

Other: Agile(Scrum and Kanban), SDLC, CICD, Backend, Full-Stack, DevOps, Unit Testing, OOP, Jenkins, Apache Airflow

Certifications: Server-side Development, Backend Development and API's

PROFESSIONAL EXPERIENCE

Optum (UnitedHealth Group), Gurgaon, India, Software Engineer (Full-Time)   Oct 2021 – Present

- **Led the migration of APIs from on-premises to AWS**, utilizing AWS Step Functions, S3, Scala, and Kafka. Enhanced scalability and performance, significantly improving system robustness.
- **Engineered highly scalable applications using the Spring Boot framework**, resulting in a 40% increase in backend performance, thereby boosting system responsiveness and user satisfaction.
- **Architected and developed an end-to-end portal using Java and AngularJS** to streamline the display of provider details for contractors, a platform now used by US Government Bodies.
- **Achieved a 15% reduction in query response time** by optimizing database schema with advanced indexing strategies, enhancing overall database efficiency.
- **Established CI/CD pipelines for automated integration/unit tests and infrastructure management using Terraform on Jenkins**, leading to more efficient and reliable deployment processes.
- **Developed a custom Java application to migrate over 100 million transactions per minute** securely from on-premise databases to Kafka on AWS cloud, facilitating seamless data migration.
- **Saved an estimated 50 hours of developer time per month** by implementing multiple automation workflows using AWS Lambda, Step Functions, AWS Batch, and Jenkins to optimize team processes.
- **Utilized JUnit, Selenium, and Cucumber for comprehensive automated testing**, resulting in a 30% reduction in post-release issues and ensuring high reliability and quality of software releases.

PERSONAL PROJECTS

Qlasses.Com:
- **Developed a live classes portal** using Node.js, MongoDB, and React.js, enabling seamless online education and interaction. Utilized AWS for deployment and scaling.
- **Designed and implemented an affiliate panel** increasing conversion rates from 20% to 75%, thereby boosting revenue and user engagement.
- **Optimized portal performance** with advanced database indexing and caching strategies, achieving 10x faster response times and scaling to handle 5000 requests/second.

Social Connect:
- **Developed** a dynamic social platform using **Node.js**, **Next.js**, **CircleCI**, and **Passport.js**, enabling users to share and discuss ideas with like-minded individuals.
- **Integrated** Google Authentication for a streamlined and secure login experience, and **implemented** Firebase push notifications to keep users actively engaged and updated.
- **Implemented** essential features such as user profiles, comment sections, and activity feeds to enhance community engagement and provide a comprehensive social experience.
- **Achieved** a 60% increase in efficiency through horizontal scaling techniques, ensuring robust performance and scalability as the user base grew.

EDUCATION

Bachelor of Technology in Computer Science and Engineering   2017-2021
Chandigarh Group of Colleges, Chandigarh   8.13 CGPA

OTHER ACHIEVEMENTS

- **Web Developer at Google Developer Student Club CGC**   • **Smart India Hackathon 2020 Finalist**
- **Won several College Level Coding Competitions**   • **Contributed Modules to DENO.JS**