Sumedh Limburkar

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SUMMARY

Software Engineer with 2+ years of experience in backend development, microservices, and cloud computing. Designed and implemented critical system components, improved API performance, and enhanced security for enterprise applications. Awarded "Star Performer" at Accenture for key technical contributions.

EDUCATION

North Carolina State University Raleigh, NC　　　　　　　　　　　　　　　　　　　　　　Expected May 2025
Master of Computer Science　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**GPA: 3.85/4**
Courses: Design and Analysis of Algorithms, Software Engineering, Object Oriented Design and Development, Software Security, Database Management Systems, Cloud Computing Technology

Savitribai Phule Pune University Pune, India　　　　　　　　　　　　　　　　　　　　　Aug 2016 - Nov 2020
Bachelor of Computer Engineering　　　　　　　　　　　　　　　　　　　　　　　　　　**CGPA: 8.81/10**
Courses: Advanced Data Structures, Object Oriented Programming, Fundamentals of Programming Languages

SKILLS

Languages: Python, Java, C++, JavaScript, Golang, Ruby, HTML5, CSS3
Frameworks: Spring Boot, Django, Flask, Ruby on Rails, React, Apache Kafka, GraphQL, Angular
Databases and Operating Systems: MySQL, MongoDB, SQL Server, Oracle, PostgreSQL, Windows, Linux
DevOps & Cloud: Docker, AWS, GCP, Kubernetes, Jenkins, Terraform, GitLab CI/CD, Microservices
Development Tools: Git,Version Control, Jira, Maven, Gradle, Swagger, Sonar, Postman, JSON, JUnit
Professional Skills: Team Leadership, Agile Development, Cross-Team Collaboration, Performance Optimization, Debugging

WORK EXPERIENCE

Accenture Solutions Private Limited Pune, India
Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Feb 2023 - Jun 2023
- **Mentored a team of 4 associates**, improving team efficiency and increasing project completion rates by **15%.**
- Collaborated in **Agile Software feature planning** sessions, contributing to the successful launch of **11+** major features within a continuous integration (CI) environment.
- Enhanced **data security** by implementing authentication and authorization mechanisms, achieving **100% compliance** with corporate security protocols for AWS-hosted applications and **safeguarding sensitive user data.**
- Implemented reusable **Java and Spring Boot** components, reducing code maintenance by 20% and aligning with microservice architecture best practices through rigorous code reviews.
- Collaborated with cross-functional teams to analyze and optimize delivery pipelines in a **DevOps** environment, reducing deployment time by **30%.**

Junior Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 2020 - Jan 2023
- Spearheaded and optimized **RESTful APIs and Kafka** components, improving system performance and functionality. Conducted unit and integration testing with **JUnit**, maintaining **90%** code coverage and reducing bugs across microservices.
- Optimized **SQL** queries and **Java** backend logic, reducing **API response time** by **20%**, improving data retrieval efficiency, and enhancing user experience in high-traffic enterprise applications.
- Produced in-depth **technical documentation**, including architecture diagrams and **API design**, leading to a **15%** reduction in support tickets due to clearer instructions of backend processes.
- **Monitored and troubleshooted** production applications, identifying and resolving defects to reduce downtime by **25%** and improve operational stability.

PROJECTS

Cloud-Native E-Learning Platform Architecture (Architectural Design Project)
- Architected a scalable e-learning platform on **AWS**, leveraging **Cognito** for secure access control, **API Gateway** for secure API management, and **S3** for cost-effective content storage and distribution.
- Designed a schema for efficient data management with **RDS** (PostgreSQL) for structured data, **DynamoDB** for real-time access to frequently queried information, leveraging **Lambda** for scalable processing.

GitHub API Integration (Full Stack Development Project)
- Developed and integrated API endpoints for **GitHub GraphQL** and **REST** queries using **Python Flask**, adhering to established design patterns for maintainable code.
- Created comprehensive **REST** APIs and conducted thorough testing to ensure API reliability and robustness.
- Crafted an engaging **React** front-end to display queried data, enhancing user experience with intuitive UI.