Sourabh Deepak Kulkarni

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EDUCATION

CALIFORNIA STATE UNIVERSITY CHICO
M.S. IN COMPUTER SCIENCE
Aug 2022 - Dec 2024 | Chico, California
GPA: 3.92/ 4.0

SAVITRIBAI PHULE PUNE UNIVERSITY
B.E. IN COMPUTER ENGINEERING
Jul 2015 - Jun 2019 | Pune, India
GPA: 3.85/ 4.0

SKILLS

BACKEND & ARCHITECTURE
Java, Python, C++, Spring Boot, Microservices, REST API Design, Kafka, Redis, Hibernate, Maven, Gradle

DATA & STORAGE
SQL, PostgreSQL, MySQL, MongoDB, HiveQL (Apache Hive), ETL, Data Pipelines

CLOUD & INFRASTRUCTURE
AWS, GCP, Docker, Kubernetes, Git, Jenkins, GitLab CI/CD, Ansible, Control-M

TESTING & QUALITY
JUnit, Mockito, Postman, Checkmarx, Nexus IQ, Kibana, Splunk, AppDynamics

FOUNDATIONS
Data Structures & Algorithms, System Design, API Security, OAuth, JWT

LINKS

LinkedIn:
linkedin.com/in/sourabhkulkarni25
Portfolio: sourabhkulkarni.com
GitHub: github.com/sourabhk25
LeetCode:
leetcode.com/u/sourabhKulkarni25

CERTIFICATIONS

Hackerrank Problem Solving

COURSEWORK

Data Structures, Algorithms, OOP, DBMS, Applied Machine Learning

EXPERIENCE

USAA | SOFTWARE ENGINEER CONTRACTOR
Oct 2024 – Present | San Antonio, Texas
- Engineered PCI-compliant Spring Boot microservices with Hibernate and REST APIs, reducing compliance workflow processing time by 30% through optimized database queries and secure API design.
- Enhanced inter-service throughput 35% by adding Kafka async messaging and Redis caching across backend services.
- Raised code reliability by 25% through REST API enhancements, structured logging with Kibana, and automated test coverage using JUnit and Mockito.

INNOVATEMORE | SOFTWARE ENGINEER INTERN
Aug 2024 – Oct 2024 | San Antonio, Texas
- Delivered Spring Boot backend with AWS Cognito and a React admin portal, reducing client onboarding time 30% through secure, API-driven flows.
- Directed a 7-member engineering team to build an iOS app (SwiftUI, MVVM), improving field employee route tracking and check-in completion rates by 40%.

PARMA | SOFTWARE ENGINEER INTERN
Jul 2024 – Aug 2024 | Sunnyvale, California
- Boosted API data retrieval speed 40% and cut deployment effort 60% by containerizing Ruby APIs in Docker and automating GitLab CI/CD.

HSBC | SENIOR SOFTWARE ENGINEER
Mar 2022 – Jul 2022 | Pune, India
- Cut API response times by 40% by migrating 80+ Hadoop-based data APIs to PostgreSQL/Oracle using Spring Boot and JPA, improving high-volume data query performance.
- Led a 3-member team in delivering AWS-hosted Spring Boot microservices with Docker, Jenkins, and Ansible, and enhanced system monitoring with Splunk and AppDynamics, reducing incident resolution time.

HSBC | SOFTWARE ENGINEER
Jul 2019 – Mar 2022 | Pune, India
- Decreased API latency by 75% through JDBC pooling optimization and refactoring legacy Apache Camel/Spring backend logic.
- Delivered 30+ Java-based RESTful APIs for high-net-worth client applications, collaborating with data teams to optimize Hadoop data pipelines.
- Boosted ETL performance by 35% through complex HiveQL query optimization and Control-M job automation, reducing SLA violations by 60%.
- Automated secure CI/CD pipelines with Jenkins, Ansible, Checkmarx, and Nexus IQ, reducing manual deployment effort by 50% and shortening release cycles from days to hours.

PROJECT(S)

SERENESTYLES | React, Java, Spring Boot, JWT, MySQL
- Built a full-stack e-commerce platform (React, Spring Boot, MySQL) with JWT authentication, increasing page load speed by 25% through backend query optimization and frontend performance tuning.

ACHIEVEMENTS

2024 **Outstanding Graduate Student** in Computer Science (CSU Chico)
2023 **Won 2nd prize in ACM coding competition at CSU Chico** (CSU Chico)