SOURABH DEEPAK KULKARNI

📞 +1 (530) 630-9697   ✉ sourabhkulkarni258@gmail.com   in sourabhkulkarni25   🌐 sourabhkulkarni.com   ⌂ sourabhk25

SUMMARY

Software engineer with 3+ years of experience in backend development, data processing using SQL, Java, Python, and cloud technologies like AWS and GCP. Experienced in microservices, and enhancing security and performance.

EDUCATION

California State University, Chico   **August 2022 - December 2024**
Master of Science in Computer Science: (GPA: 3.92/4.0)

Savitribai Phule Pune University   **July 2015 – June 2019**
Bachelor of Computer Engineering: (GPA: 3.85/4.0)

EXPERIENCE

Parma CRM, Inc.   **Sunnyvale, CA**
Software Engineer Intern   **July 2024 – August 2024**

- Designed and implemented a Ruby-based API integration for fetching and processing notes from Parma CRM and HubSpot, optimizing the data retrieval process by 40% and automating the end-to-end workflow for CSV generation, reducing manual effort by 60% and ensuring consistent data availability for stakeholders.

HSBC Technology India   **Pune, India**
Senior Software Engineer   **March 2022 – July 2022**

- Overhauled REST APIs and Microservices for Hadoop to PostgreSQL and Hadoop to Oracle Migration which reduced execution time by 120%. Deployed application using on-premises VMs using IBM WebSphere Application Server.
- Constructed Jenkins pipelines and Ansible job templates using Groovy scripts; automated deployments and produced daily vulnerability reports via Checkmarx and Nexus IQ scans, reducing manual work by 40% and enhancing security.
- Led a team of 3 in building Spring Boot APIs on AWS, integrating Docker and Kubernetes, which boosted system performance by 30%. Enabled Splunk and AppDynamics tools as observability platforms and performed code reviews.

Software Engineer   **July 2019 – March 2022**

- Implemented high-performance REST APIs for Relationship Managers of high-net-worth customers to provide customers asset details using Spring and Apache Camel. Leveraged connection pooling to enhance API performance by 50%.
- Automated code deployment, testing, and daily report creation using Jenkins and Ansible saving manual work by 30%.
- Participated in Salesforce basics training on CRM customization, automation, and data management.

PROJECTS

EchoVisuals | *Node.js, Express.js, MongoDB, React, TailwindCSS, OpenAI, Cloudinary* | **Link**   **July 2023 - August 2023**

- Developed an AI-driven image generation platform using MERN and TailwindCSS, integrating OpenAI's DALL-E for creative image interpretation and utilizing MongoDB for database system. Enhanced image management and accessibility with Cloudinary, reducing load times by 60% and boosting user satisfaction.

SereneStyles | *React, Tailwind CSS, Java, Spring Boot, JWT, MySQL, HTML* | **Link**   **October 2021 - November 2021**

- Engineered a full-stack e-commerce web application with React, Spring Boot, and MySQL, improving page load times by 25%. Implemented a user-friendly interface with Tailwind CSS, enhancing secure and efficient data management.

Mr. Voice Pay | *Alexa, Google Assistant, AWS, GCP, Python, Java, Android Studio* | **Link**   **September 2019**

- Architected a scalable and secure online banking app for visually impaired users integrating voice commands via Alexa and Google Assistant with AWS and GCP, increasing user satisfaction by 30%, with enhanced security features including voice and biometric authentication using Amazon services like S3, Lambda Function.

TECHNICAL SKILLS

Languages: Java, C++, Dart, Python, C, Go, Ruby, C#, SQL, HQL, Groovy, YAML, APEX, Kotlin
Tools/Frameworks: Spring, Spring Boot, AWS, GCP, Salesforce, Git, IDE, Docker, Kubernetes, Maven, Salesforce, JUnit
Databases: MySQL, PostgreSQL, Oracle, NoSQL, PL/SQL, Hive, MongoDB, Hadoop, Firebase
Web Technologies: HTML, CSS3, JavaScript, REST APIs, React, Node.js, Next.js, Flask, Typescript, JQuery, PHP
Others: Jenkins, Ansible, Control-M, Checkmarx, Nexus IQ, ServiceNow, Swagger, JIRA, Confluence, Terraform, GitHub, DevOps, Shell Script, Agile development, Spring Security, JPA, Object Oriented Programming, Distributed Systems

ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES

- Honoured with the 'Outstanding Graduate in Computer Science' Award at CSU Chico 2024.
- Received 2nd prize in the annual competitive coding competition organized by ACM Club at CSU Chico 2022.
- Mentored a team of 10 juniors to deliver 'Reverse Coding', a C++ mathematics event, at the PICT 2017 tech fest, driving a 25% rise in event participation for the IEEE Student Branch.