

# SOURABH DEEPAK KULKARNI

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## SUMMARY

Software Engineer with 3+ years of experience in backend development, real-time processing, and scalable architectures. Proficient in SQL, Python, Java, and cloud technologies, with a strong focus on 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

InnovateMore

San Antonio, TX

Software Engineer Intern

August 2024 – Present

- Collaborated on integrating AWS Cognito with a Spring Boot application for Pool Service Company, establishing user authentication and authorization flows via REST API calls, and developing email notification systems that enhanced secure user management and reduced onboarding time by 30%.

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 / Software Engineer

July 2019 – July 2022

- Overhauled REST APIs and Microservices for Hadoop to PostgreSQL and Oracle Migration, reducing execution time by 120% while deploying applications using on-premises VMs with 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% and enabled Splunk and AppDynamics as observability platforms and performed code reviews.
- Implemented high-performance REST APIs and Microservices for high-net-worth clients using Spring and Apache Camel, enhancing API performance by 50% through connection pooling.
- Automated code deployment, testing, and daily report creation with Jenkins and Ansible, saving manual effort by 30%.

## PROJECTS

EchoVisuals | *Node.js, Express.js, MongoDB, React, TailwindCSS, OpenAI, Cloundinary* | [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 Cloundinary, 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 using Python.

## 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.