

AKSHAY RAM CHAUDHARI

Los Angeles, CA | 657-556-6295 | akshayrc@csu.fullerton.edu | [linkedin.com/in/akshayrc/](https://www.linkedin.com/in/akshayrc/) | github.com/akshaychaudhari

SUMMARY

Accomplished full stack software developer with 5+ years of experience designing and developing scalable and secure web applications. Proven ability to deliver high-quality solutions meeting user needs & business objectives

TECHNICAL SKILLS

- Java, Spring boot, Microservices, REST API, Docker, CI-CD, Maven, Apache Kafka
- JavaScript, Node js, Express.js, React js, Datadog, Python, GraphQL, Distributed Computing
- MongoDB, MySQL, Amazon Web Services, JUnit, Swagger, Agile, JIRA, Git, Design Patterns, Docker, Kubernetes

PROFESSIONAL EXPERIENCE

- Pierian India Pvt. Ltd.** | Software Engineer (Full-Time) | Pune, India April 2021 - July 2022
- Crafted user stories and presented data-driven cloud native solutions to key stakeholders for Clinical Genomics Workspace, driving efficient analysis, reporting, and delivery of genomic insights, resulting in a 20% increase in customer satisfaction
 - Programmed back-end REST APIs, harnessing AWS resources (S3, ECS, Lambda, Secrets Manager, RDS, API Gateway, EKS), docker to adopt microservices, incorporating load balancing and auto-scaling
 - Revamped web app to improve page load performance, achieving a 90% reduction in load time (from 20 seconds to 2 seconds) through strategic implementation of Lazy Loading, Caching, Pagination, Debouncing, and media-specific CSS loading
 - Boosted Mongo DB query fetch performance by 60% through profiling, indexing, and isolation techniques
 - Integrated AWS S3 for sharing pre-signed URLs with clients and leveraged AWS CloudWatch for monitoring and troubleshooting, resulting in a 10% acceleration of report issue resolution
 - Introduced standardized practices for system design, refactoring legacy codebases to ensure observability and resilience; achieved a 50% reduction in critical incidents, resulting in improved system stability
- Oracle Financial Services Software Ltd.** | Software Engineer (Full-Time) | Pune, India September 2017 - April 2021
- Engineered and optimized extensible SOAP and REST API endpoints, resolving product functionality gaps; upgraded user services, resulting in a 70% reduction in support tickets
 - Modernized transaction and maintenance screens to enhance usability and functionality, enacting micro-interactions and flat design, cutting 40% user training time
 - Spearheaded asynchronous Import-Export functionality to support bulk data files, enabling concurrent uploads and downloads of large files, saving over 80% of user's data entry time
 - Enhanced data integrity and accuracy in multi-threaded Bulk Uploads API to increase usability by carrying out data validation checks within framework, reducing error rates by 50%, and ensuring reliable data transfers
 - Fostered deployment process to cover three distinct node and Java-based development environments by emphasizing new CI-CD pipelines using Jenkins, saving almost half of dev testing time
 - Orchestrated collaboration between cross-functional offshore and on-site development teams to optimize APIs in response to banking regulatory changes, resulting in a 60% less compliance errors and higher transaction efficiency

EDUCATION

- California State University, Fullerton, CA** | Master of Science, Computer Science January 2022 - December 2023
- Administered and Migrated virtual desktops to AWS to upgrade virtual labs' infrastructure at school, using AWS AppStream image builder, boosting scalability and achieving a remarkable 40% increase in computer availability
 - Authored data backup utility and troubleshoot vulnerability, performance, and usability issues for websites and servers reported by Qualys & ATI Scan to make services highly available, reducing downtime to 1%
- Savitribai Phule Pune University, Pune, India** | Bachelor of Engineering, Computer Science June 2013 - May 2017
- Led on Firewall extension and published an IEEE Research Paper about advanced user profiling and social media analytics to detect and prevent cyberbullying and online grooming (Paper Link)

PROJECTS

- Super Duper Cloud Storage Drive:**(Project GitHub Link): | Fullerton, CA January 2023 – December 2023
- Redefined cloud storage experience for note, password, and file on AWS by actualized Mybatis data mapper, Thymeleaf template engine and spring security to offer intuitive and interactive solution
- Zombie Spawner App:** (Project GitHub Link): | Fullerton, CA August 2022 – December 2022
- Revised an Ethereum-based web3 app zombie spawner with an updated user interface, customizable Zombie Name and DNA, account balance checks, ownership verification, and NFT integration on the Ethereum blockchain