

EDUCATION

San Jose State University Dec. 19
M.S. Software Engineering | GPA 3.90

Gujarat Tech. University May 16
B.E. Computer Engineering | CGPA 8.8

SUMMARY

An organized and quick-learning software engineer with an emphasis in cloud computing and distributed systems. Known for excellent adaptability and software design skills with 2 years of professional experience in software development and proven ability to build high performance, secure, data-driven applications with quality code.

EMPLOYMENT

PayPal · [Software Engineering Intern](#) · San Jose, California May 19 - Current

- Led and developed a near real-time customer contact journey timeline using Spark Streaming, Scala, Kafka, and HBase to get a holistic view of customer contact with help center channels. This enables a seamless customer support experience by reducing time and cost spent on call to understand the issue by 40%.
- Developed a rest server to expose customer journeys to clients using Spring Boot.
- Used Agile practices and Test Driven Development techniques to provide reliable, working software early and often.
- Currently working on discovering customer journey dominant paths using Neo4j.

Pinger · [Software Engineering Intern](#) · San Jose, California Jan. 19 - May 19

- Identified and removed inefficiencies through analysis of existing processes using automation and web-based applications
- Refined Jenkins pipeline to run test cases parallelly in Docker which improved execution speed by 50%.
- Designed and developed a tool to identify unused & untested Web Services & Configurations using LAMP stack and Redis.
- Developed a tool to publish application deployment events using NodeJS & Redis Stream to trigger Jenkins pipeline.

Accenture · [Application Development Associate](#) · Mumbai, India Nov. 16 - Jan. 18

- Developed incident report generation tool using ServiceNow Web Services and Apache POI library, which reduced manual work, resulted in fewer errors and improved report generation time by 70%.

SKILLS

LANGUAGES

Java, JavaScript, Golang

BACKEND

Node.js, Express, Spring Boot, ETL

WEB TECHNOLOGIES

React.js, Ajax, HTML5, CSS3, jQuery, REST

AUTOMATED TESTING

JUnit, Jest, Mocha

DATA

MySQL, MongoDB, HBase, Redis, Elasticsearch

OS & CLOUD

Linux, Docker, Kubernetes, AWS, GCP

OTHERS

Jenkins, Spark Streaming, Kafka, Zookeeper, Druid

PROJECTS

[Intelligent Cloud Monitoring \(http://bit.ly/2lsvTpW\)](http://bit.ly/2lsvTpW) Jan. 19 - Current

- Automated review system to generate reports for the failed CIS compliances, delineating to a layman the reason and the suggestion to meet compliances and improve the security of cloud services on AWS to reduce susceptibility to data exposure and leaks as cloud environments have expanded perimeters.

[CloudBite: Multi-Tenant SaaS App \(http://bit.ly/2ZNs39U \)](http://bit.ly/2ZNs39U) Sep. 18 - Dec. 18

- Tested the read/write behavior of NoSQL databases under partition using 5 nodes cluster of AWS EC2 instances and demonstrating the effect of healing after partition. (CAP Theorem)
- Leveraged the properties of NoSQL database MongoDB to develop a multi-tenant food ordering application with microservices architecture using Go Lang, ReactJS, MongoDB, Riak, Kong API Gateway, and Docker and deployed on AWS.

[Movie Ticket Portal \(http://bit.ly/2QVtqz2 \)](http://bit.ly/2QVtqz2) Apr. 18 - May 18

- Developed a cloud-ready distributed application like Fandango where logged in users can book/cancel a ticket, view transaction history, get movie details and post a review. Improved search API response time by ~30% with the implementation of Cache using Redis.
- Provided an admin panel to Add/Update/Delete movie, multiplex and show timings along with analytics dashboard to display client activities, revenue, page visits, clicks, etc using Recharts.

ACHIEVEMENTS

3rd Place - April 2019 · SJSU Hackathon sponsored by USPS