

EDUCATION

San Jose State University Jan. 2018 to Current
M.S. Software Engineering 2019

GTU July 2012 to May 2016
B.E. Computer Engineering

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 backend development and proven ability to build high performance, secure, data driven applications with quality code.

EMPLOYMENT

PayPal San Jose, California
[Software Engineering Intern](#) May 2019 to Current

- Led and developed a near real-time customer contact journey timeline using Spark Streaming, Kafka, HBase, NodeJS and ReactJS 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%.
- Currently working on discovering customer contact journey dominant paths using Neo4J.

Pinger San Jose, California
[Software Engineering Intern](#) Jan. 2019 to May 2019

- Refined Jenkins pipeline to run test cases parallelly in docker containers which improved execution speed by 50%.
- Designed and developed Web Services & Config Usage tool using PHP, SQL and Redis to identify untested web services and configurations.
- Developed a tool to publish application deployment events using NodeJS and Redis Stream to trigger Jenkins pipeline.

Accenture Mumbai, India
[Application Development Associate](#) Nov. 2016 to Jan. 2018

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

SKILLS

LANGUAGES: Java, JavaScript, Golang, PHP

WEB TECHNOLOGIES: ReactJS, Ajax, HTML5, CSS3, REST

QUALITY ASSURANCE: JUnit, PHPUnit, Jest, Mocha

BACKEND: Spring, Hibernate, Express, NodeJS

DATABASE: SQL, MongoDB, Redis, HBase

OS & CLOUD: Linux, Docker, Kubernetes, AWS, GCP

OTHERS: Jenkins, Tomcat, Spark, Kafka, Git

PROJECTS

SmartFlyer Jan. 2019 to Apr. 2019

- With the help of this android application we can predict future airport security wait time by using crowdsourced data.
- Provides histogram of wait-time and average wait time to help user take informed decision. Authenticated user can view wait time stats per airport, search airport and submit wait time data.

CloudBite: Multi-Tenant Food Ordering System Sept. 2018 to Dec. 2018

- 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 databases to develop a multi-tenant food ordering application with microservices architecture using Go Lang, ReactJS, MongoDB, Redis, Kong API Gateway, and Docker.

Crowdsourcing Marketplace Feb. 2018 to May 2018

- Developed a cloud-ready distributed application which encompasses features of the Freelancer.com; developed on Java Spring Boot backend along with Kafka as a messaging middleware and PassportJS as authentication middleware.
- Using this, an authenticated user can view/post projects, place bid, hire and submit solution if hired.

Movie Ticketing Portal Apr. 2018 to May 2018

- Developed a distributed application like Fandango where logged in users can book/cancel a ticket, view transaction history, get movie details and post review using MERN stack, Apache Kafka, and deployed on AWS.
- 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

1st Place · SJSU Hackathon sponsored by US Postal Service

Apr. 2019