

## EDUCATION

**San Jose State University** Jan. 18 - Dec. 19  
M.S. Software Engineering | GPA 3.90

**Gujarat Technological University** Jul. 12 - 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 backend 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, Kafka, HBase, Node and React 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 journey dominant paths using Neo4J.

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

- Refined Jenkins pipeline to run test cases parallelly in **Docker** 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 code 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 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. 19 - Apr. 19

- 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](#)** 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 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. 18 - May 18

- 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. 18 - May 18

- 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

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