VAJID KAGDI

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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.

EDUCATION

M.S. Software Engineering   *GPA:* 3.90   San Jose State University, California   **Dec 2019**
Related Coursework: Software Systems Engineering**,** Distributed Systems, Cloud Technologies, Recommender Systems

B.E. Computer Engineering   *GPA:* 8.82   Gujarat Technological University, India   **May 2016**
Related Coursework: Data Structures & Algorithms, Operating System, Database Management, Web Application Development

PROFESSIONAL EXPERIENCE

Software Engineering Intern   PayPal, San Jose, California   **May 2019 - Present**
- 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.

Software Engineering Intern   Pinger, San Jose, California   **Jan 2019 – May 2019**
- Refined Jenkins pipeline to run test cases parallelly in docker containers which improved execution speed by 50%.
- Designed and developed Web Services usage and Config Usage tool using PHP, SQL and Redis to identify untested and unused webservices and configurations.
- Developed a tool to publish application deployment events using NodeJS and Redis Stream to trigger Jenkins pipeline.

Application Development Associate   Accenture, Mumbai, India   **Nov 2016 - 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.

TECHNICAL SKILLS

LANGUAGES	**:** Java, JavaScript, Golang(Basic)
WEB TECHNOLOGIES	**:** ReactJS, Redux, Ajax, HTML5, CSS3, REST
QUALITY ASSURANCE	**:** JUnit, PhpUnit, Jest, Mocha
BACKEND FRAMEWORK	**:** Spring, Hibernate, Express, NodeJS
DATABASE	**:** SQL, MongoDB(NoSQL), Redis, HBase
OS & CLOUD	**:** Linux, Docker, Kubernetes, Amazon Web Services (AWS), Google Cloud Platform(GCP)
TOOLS	**:** Jenkins, Tomcat, Git, Kafka, Spark

ACADEMIC PROJECTS

SmartFlyer (http://bit.ly/2Je8CRI**)**   **Jan 2019 - April 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 (http://bit.ly/2ZNs39U**)**   **Sep 2018 – Jan-2019**
- 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 (http://bit.ly/2Y3wXhB**)**   **Feb 2018 – 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 (http://bit.ly/2QVtqz2**)**   **Apr 2018 - Jun 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.

ACHEIVEMENTS

- **3rd Place** in SJSU Hackathon sponsored by US Postal Service. More Information