VAJID KAGDI

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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, 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 · Software Engineering Intern · San Jose, California   Jan. 19 - May 19
• 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 · 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

1st Place · SJSU Hackathon sponsored by US Postal Service   Apr. 19