VAJID KAGDI

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SUMMARY

A result-driven, articulate and analytical Software Engineer with 2 years' experience in developing enterprise-grade robust code for high volume businesses. Have developed several web and mobile apps, including Crowdsourcing Marketplace on MERN stack. Interested in a challenging technical career in an application development environment. Experienced in the telecommunication domain.

EDUCATION

M.S. Software Engineering, *GPA: 4.0 / 4.0*   San Jose State University, San Jose, California   **Expected Dec 2020**
Related Coursework: Enterprise Distributed Systems, Enterprise Application Development, Cloud Technologies, Data Mining, Recommender Systems

B.E. Computer Engineering, *GPA: 8.82 / 10*   Gujarat Technological University, Gujarat, India   **May 2016**
Related Coursework: Data Structures and Algorithms, Operating System, Database Management, Web Application Development, Android

TECHNICAL SKILLS

LANGUAGES	**:** Java, JavaScript, Python, Go
WEB TECHNOLOGIES	**:** NodeJS, ReactJS, Redux, Ajax, HTML5, CSS3, REST, SOAP
FRAMEWORKS	**:** Spring, Spring Boot, Hibernate, Express, Android, JUnit, Mocha, EJB, ZK, Open UI5(SAP UI5)
DATABASES	**:** MySQL, NoSQL(MongoDB), Redis
CLOUD	**:** Docker, Kubernetes, Amazon Web Services(AWS)
TOOLS, IDEs, Servers	**:** Eclipse, Visual Studio, Android Studio, Tomcat, JMeter, Git, SVN, Zookeeper, Kafka, Jenkins

PROFESSIONAL EXPERIENCE

Application Development Associate, Accenture Solutions Pvt Ltd, Mumbai, India   **Nov 2016 - Jan 2018**
- Implemented new features and resolved the critical defects in SAP Fiori(UI5) Work Management applications and SAP eSourcing(CLM).
- 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.
- Interacted with many business users to diagnose issues they were experiencing and provided technical support to troubleshoot them.
- Automated the documents workflow cancellation process in SAP eSourcing which resulted in 50% time-saving.
- Trained new joiners on SAP UI5 and Contract Lifecycle Management (CLM).
- Won best Java Trainee Award in Accenture Green Field Training(GFT) program.
- **Tools/Technologies**: Java, JavaScript, SAP Fiori/UI5, SAP eSourcing, ServiceNow

Project Trainee, Sterlite-Tech Elitecore, Ahmedabad, India   **Feb 2016 - Oct 2016**
- Implemented new features & resolved critical defects in Payment & Dunning module of multi-tenant Telecom Billing Product Crestel BSS.
- Leveraged ZK Framework and JavaScript to build and revamp presentation layer for Payment & Dunning module.
- Developed a 3rd Party API Testing tool for QA team using Java Reflection API and Apache POI Library, which resulted in more efficient testing and 50% improvement in time for testing.
- **Tools/Technologies**: Java, EJB, Hibernate, Drools, JBOSS, ZK(Zul), Oracle, SVN, Atlassian Jira

Full Stack Developer, L.D College of Engineering, India   **Jan 2015 - Jun 2015**
- Designed an online coding platform, CodeSquare, where programmers at any corner of the world can participate and compete.
- Developed the presentation layer using JavaScript, HTML, CSS and Bootstrap and integrated with Servlets.
- Organized coding competitions at College and State level. (Gujarat, India) which received over 1000 participants.
- **Tools/Technologies:** Java, JSP, Servlet, JavaScript, JDBC, MySQL, Hibernate, HTML, CSS.

ACADEMIC PROJECTS

Partition Tolerance & Microservices Scaling   **Sep 2018 – Present**
- Testing the Partition Tolerance of NoSQL databases for read & write using 5 nodes cluster of AWS EC2 instance in AP and CP mode and demonstrating the effect of healing after partition.
Technologies: Redis, Go, MongoDB, AWS, Kong API Gateway

Movie Ticketing Portal (Replica of Fandango)   **Apr 2018 - Jun 2018**
- Developed a distributed application which provides all features like Fandango where logged in users can book/cancel a ticket, view transaction history, get movie details, post review using MERN stack and deployed on Amazon EC2.
- Led project team members and held regular team meetings to assign tasks, monitor progress and ensured seamless integration of work.
- Created an admin panel where can admins can Add/Update/Delete movie, multiplex and show timings along with analytics dashboard.
- Tested application using Mocha and JMeter to measure scalability, performance and reliability with dataset of 10K movies and 1K users.
Technologies: ReactJS, NodeJS, Express, PassportJS, Apache Kafka, MongoDB, MySQL, Redis, Mocha, JMeter.

Crowdsourcing Marketplace (Replica of Freelancer)   **Feb 2018 – May 2018**
- Developed a cloud-ready distributed application which encompasses features of the Freelancer.com; developed on MERN stack along with Apache Kafka as a messaging system and PassportJS as authentication middleware and MochaJS as a testing framework.
- Considered security, performance, reliability and efficiency when applying several core performance improvement strategies like caching.
- Using this, an authenticated user can view and post projects, place bid, hire the freelancer, submit solution if hired.
Technologies: ReactJS, NodeJS, Express, PassportJS, Apache Kafka, MongoDB, MySQL, Mocha, JMeter.

DishClose   **Apr 2018 – Jun 2018**
- In a team, we developed an android application where a user can scan any food dish and the application will recognize the dish.
- Added a feature where a user can fetch the ingredients and recipe of dish recognized and can provide feedback on the result.
- Explored the capabilities offered by Microsoft Custom Vision and its API.
Technologies: Android, NodeJS, MongoDB, Microsoft Custom Vision, Food2Fork, MShape API

Network Manager   **B.E Final Year Project**
- Network Manager is an android based app to monitor and manage your networks. Users can find out which devices are connected to their Wi-Fi network, in just a few seconds along with functionalities like DNS Lookup, Ping, and Traceroute.
Technologies: Android, Java, SQLite, Networking Concepts

Washiz   **Sep 2015 - Oct 2015**
- Washiz is a web portal which provides users with the luxury of not having to do the laundry themselves where users can place the order, choose the pick-up and delivery times and they get laundry done.
Technologies: Java, JSP, Servlets, JDBC, MySQL, jQuery, HTML, CSS, JavaScript.

VOLUNTEER EXPERIENCE

Learning and Development Leader, Google Students Club LDCE   **Jun 2013 - May 2015**
- Learned about innovative Google products & programs and plan and host events on campus.
- Acted as a campus contact for Google teams to help Google better understand college culture.