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Pavan Kothawade

OBJECTIVE

Seeking full time opportunities as Software Engineer where my experience, acquired skills will allow me to make contribution to progressive company

EDUCATION

Master's in Software Engineering, San Jose State University, San Jose, USA   *Expected May 2019*
Bachelor of Engineering in Computer Science, Government College of Engineering, Aurangabad, India   *June 2015*

SKILLS

- **Programming Languages**: Java, JavaScript, SQL, C++, Python
- **Web Technologies**: NodeJS, React, Redux, AngularJS, EJS, Restful Web Services, Bootstrap, jQuery, AJAX, HTML5, CSS3, JSON
- **Frameworks**: Hibernate, Spring MVC, Spring Boot, JUnit, Mocha, Material UI
- **Databases**: MySQL, MongoDB, Elasticsearch, Cassandra, Graphite, Redis, Google BigQuery
- **Cloud Technologies**: Amazon Web Services, Docker, Google Cloud Platform (GCP)
- **Tools, IDE, Servers**: Eclipse, IntelliJ, WebStorm, Chrome Developer Tools, JMeter, JIRA, Git, Maven, Apache Kafka, Kibana, Grafana

EXPERIENCE

Mist Systems, Cupertino   Software Engineering Intern   *June 2018-Present*
- **Technologies**: React, Redux, NodeJS, Bootstrap, HTML5, CSS3, JavaScript, Elasticsearch, Cassandra, Kibana, Grafana, Docker, Python
- Developed Elasticsearch backup web application that was backend by node server and Elasticsearch, for the company to backup customer data to AWS S3 service which **saved efforts by 40%**
- Developed Cassandra metrics dashboard in Grafana using graphite as database which collects data provided by Jolokia collector which **increased efficiency by 5%**
- Improving Grafana dashboard layout on both production and staging for more efficiency
- Identifying potential proactive alert/notification using Grafana instead of using SignalFX to reduce cloud cost

Tata Consultancy Services, Pune, India   Software Engineer   *Aug 2015-June 2017*
- **Technologies**: AngularJS, HTML5, CSS3, JAVA, JavaScript, Bootstrap, AJAX, SQL
- Developed Trulicity web application **used by over 5000+** patients for Eli Lilly which is American Pharmaceutical Company
- Reviewed requirement document and designed application architecture along with onsite lead which **reduced efforts by 10%**
- Designed underlying architecture along with other members of team and prepared base code for application
- Drove all phases of software development life cycle such as requirement gathering, Design Analysis, Development, Testing and Deployment
- Identified and recommended ways to address improvement opportunities when possible and escalating issues or risks as needed

PROJECTS

Online Travel Reservation: Replica of kayak.com   *Oct 2017-Dec 2017*
- **Technologies**: React, Redux, NodeJS, Express, Apache Kafka, Redis, MongoDB, MySQL
- Developed distributed application which encompassed all features of kayak.com along with analytics dashboard
- Implemented Redis caching for Search feature, as result server was able to **respond to ~10k concurrent users within 1s**

Online File Hosting and Sharing: Replica of dropbox.com   *Sept 2017-Oct 2017*
- **Technologies**: React, Redux, NodeJS, Express, Java, Spring Boot, Hibernate, JUnit, JMeter, MongoDB, MySQL
- Developed application having features such as file storage, peer to peer file sharing, group file sharing, user activity timeline
- Implemented feature of providing analysis of user behaviour using log files and handling authentication using Passport

SurveyApe   *Mar 2018-May 2018*
- **Technologies:** React, Redux, Bootstrap, HTML5, CSS3, Spring Boot, Hibernate, JPA, AOP, MySQL, AWS S3, AWS EC2
- Developed distributed application which enables user to take and create surveys by playing a role of surveyor and surveyee
- Implemented a feature of adding different type of surveys and multiple type of questions with visualization of statistics for each question

Interactive Web-based game – Aladdin   *Sept 2017-Nov 2017*
- **Technologies**: Greenfoot, Astah, Java, Software Development Design Patterns, UML and modelling tools
- Developed rich UI game on greenfoot using 5 design patterns and **extensively reduced development issues**
- Followed Agile, Scrum and Kanban practices in project using GitHub, CFD and Sprint Burndown charts with **team of five**

ACTIVITIES & ACHIEVEMENTS

- **Best Team Award**, Tata Consultancy Services, Pune, India   *Feb 2017*
- **Winner of IBM Code Challenge**, Silicon Valley Code Camp, San Jose, USA   *Nov 2017*