

PAVAN KOTHAWADE

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GitHub <https://github.com/pavankothawade>

OBJECTIVE

Seeking Summer 2018 Internship Opportunities as a Software Engineer

ACADEMICS

Master of Science in Software Engineering, San Jose State University, CA *August 2017-(expected) May 2019*

Coursework: Enterprise Software Platforms, Software Systems Engineering, Enterprise Distributed Systems

BE in Computer Science, Government College of Engineering, Aurangabad, India *July 2011-June 2015*

Coursework: Data Structures, Object Oriented Programming Language, Java Programming, Software Engineering, Operating Systems, Data Mining, Computer Networks, Database Management Systems.

TECHNICAL SKILLS

Languages C, C++, Java, JavaScript, Python

Database Technologies MySQL, MongoDB

Version Control Github

Operating Systems Windows, Mac, Linux

Development Tools Eclipse, Sublime, Visual Studio **Other** Test-Driven Development, Docker, Scrum, Kanban, UML, Agile

Web Development HTML 5, CSS3, Bootstrap, Node JS, Express JS, Passport JS, React JS, Kafka, Spring MVC, Hibernate

EXPERIENCE

System Engineer, Tata Consultancy Services Ltd. Pune, India.

August 2015-June 2017

Tech Stack HTML5, CSS3, JAVA, JavaScript, Bootstrap, MySQL

Responsibilities:

- Involved in the development of Trulicity web application used by over 5000+ patients for Eli Lilly which is an American Pharmaceutical Company.
- Involved mainly in the front-end development of Trulicity and worked on designing of multiple modules.
- Reviewing the requirement document and designing the application architecture along with the onsite lead.
- Designing of underlying architecture along with other members of the team and preparing the base code for the application.
- Identifying and recommending ways to address improvement opportunities when possible and escalating issues or risks as appropriate
- Active participation in regular project status meetings, client calls and always acted as the sole point of contact for all the functionalities developed by me.

PROJECTS

Kayak-Prototype <https://github.com/pavankothawade/Kayak-Prototype>

November 2017 – December 2017

A Kayak-Prototype is 3-tier application that implements the functions of kayak for different travel services by using message queues as the middleware technology, managing and implementing User, Listings, Billing, Administrator types of modules.

Tech Stack: React JS, Node JS, Express JS, MongoDB, MySQL, Kafka, Redis, Passport JS, JMeter, Mocha

Dropbox-Prototype <https://github.com/pavankothawade/Dropbox-Prototype>

September 2017-November 2017

A Dropbox Application Prototype is developed to demonstrate RESTful Services using Node JS, Express JS, React JS, Passport JS, MySQL, MongoDB, Kafka and testing is to be done by using JMeter and Mocha.

User functionalities: Sign up new user, Sign in existing user, Sign out, Upload a file, List files, Create directory, Share Directory

Group functionalities: Create a group, add member to group, Show members in group, Access permissions, Delete group.

2D Game in Greenfoot- Aladdin <https://github.com/pavankothawade/Aladdin-2D-Game>

September 2017- November 2017

Developed a 2D game in Greenfoot using JAVA which involved implementing Gang of Four design patterns and using Agile Scrum Methodology. Design patterns include Observer pattern, Command Pattern, State Pattern, Factory Method pattern and Template pattern. Tools: Java, Greenfoot, Astah UML and Modeling tools

Food Order Application <https://github.com/pavankothawade/Food-Order-Application>

September 2017

Developed a single page application using React JS as frontend and Node JS as backend. User can order food items from the items given in menu. User can add and remove food items in food cart.

The Race around the World <https://github.com/pavankothawade/The-Race-Around-the-World>

August 2017

Developed a stopwatch application consisting of start/stop button and a history table. Each time we start the stopwatch in particular region it detects the start time, timezone, latitude and longitude of that region. This application is developed using JavaScript, HTML and CSS