

# Pavan Kothawade

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## SUMMARY

- Pragmatic and result-oriented software engineering professional with 2 years of full-stack development experience in industry.
- Graduate student for Software Engineering, rigorously honing my skills to develop extensive enterprise applications.

## SKILLS

- **Programming Languages:** Java, JavaScript, SQL, C, C++, Python
- **Web Technologies:** Node.js, React, Redux, EJS, Restful Web Services, SOAP Web Services, Bootstrap, Semantic UI, jQuery, AJAX, HTML5, CSS3
- **Frameworks:** Hibernate, Spring, Spring Boot, Express, JUnit, MochaJS
- **Databases:** MySQL, MongoDB (NoSQL), Oracle, Redis
- **Cloud Technologies:** Amazon Web Services (AWS), IBM Bluemix, Google Cloud Platform(GCP), Heroku
- **Tools, IDE, Servers:** Eclipse, Sublime, IntelliJ, Webstorm, Apache Tomcat, Visual Studio, JMeter, Git, Maven, Apache Kafka, Apache Zookeeper.
- **Other Technologies:** Docker, UML 2.0, Software Development Design Patterns, Agile, Scrum, Kanban.

## EDUCATION

<b>MS</b>	Software Engineering, San Jose State University, San Jose, USA	Aug 2017-Present
<b>BS</b>	Computer Science, Government College of Engineering, Aurangabad, India	July 2011-June 2015

## PROFESSIONAL EXPERIENCE

<b>Tata Consultancy Services, Pune, India</b>	<b>Software Engineer</b>	Aug 2015-June 2017
<ul style="list-style-type: none"><li>• <b>Technologies:</b> HTML5, CSS3, JAVA, JavaScript, Bootstrap, MySQL</li><li>• Developed Trulicity web application used by over 5000+ patients for Eli Lilly which is an American Pharmaceutical Company.</li><li>• Designed multiple modules mainly for the front end of Trulicity application.</li><li>• Reviewed the requirement document and designing the application architecture along with the onsite lead.</li><li>• Designed underlying architecture along with other members of the team and preparing the base code for the application.</li><li>• Identified and recommended ways to address improvement opportunities when possible and escalated issues or risks as appropriate</li><li>• Actively participated in regular project status meetings, client calls and always acted as the sole point of contact for all the functionalities developed by me.</li></ul>		

## ACADEMIC PROJECTS

<b>Online Travel Reservation</b>	<a href="https://github.com/pavankothawade/Kayak-Prototype">https://github.com/pavankothawade/Kayak-Prototype</a>	Oct 2017 – Dec 2017
<ul style="list-style-type: none"><li>• <b>Technologies:</b> React, Node.js, Passport.js, Apache Kafka, Redis, MongoDB, MySQL.</li><li>• Developed a distributed application which encompassed all the features of kayak.com along with an analytics dashboard.</li><li>• Implemented Redis caching for Search feature, as a result server was able to respond to ~10k concurrent users within 1s.</li></ul>		
<b>Online File Hosting and Sharing</b>	<a href="https://github.com/pavankothawade/Dropbox-Prototype">https://github.com/pavankothawade/Dropbox-Prototype</a>	Sept 2017 – Oct 2017
<ul style="list-style-type: none"><li>• <b>Technologies:</b> React, Passport.js, Java, Spring Boot, Hibernate, JUnit, JMeter, MongoDB, MySQL.</li><li>• Developed an application having features like file storage, peer to peer file sharing, group file sharing, user activity timeline.</li><li>• Implemented a feature of providing analysis of user behaviour using log files and handling authentication using PassportJS</li></ul>		
<b>Aladdin-2D game</b>	<a href="https://github.com/pavankothawade/Aladdin-2D-Game">https://github.com/pavankothawade/Aladdin-2D-Game</a>	Sept 2017 – Nov 2017
<ul style="list-style-type: none"><li>• <b>Technologies:</b> Greenfoot, Astah, Java, Software Development Design Patterns, UML and modelling tools.</li><li>• Developed a rich UI game on greenfoot using 5 design patterns; extensively reduced development issues.</li><li>• Followed Agile, Scrum and Kanban practices in project using GitHub, CFD and Sprint Burndown charts with a team of five.</li></ul>		
<b>Handwriting Interpreter Application</b>	<a href="https://github.com/SJSU272LabF17/Prof-Helper">https://github.com/SJSU272LabF17/Prof-Helper</a>	Nov 2017 – Dec 2017
<ul style="list-style-type: none"><li>• <b>Technologies:</b> Microsoft Azure, jQuery, EJS, Google Script(gs)</li><li>• Developed a professor helper tool using cognitive technology to interpret handwritten text in images.</li><li>• Sample survey with 3 professors and around 25 samples each reveals around 40% reduction in efforts for analyzing answers.</li></ul>		

## ACTIVITIES & ACHIEVEMENTS

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| • <b>Winner of IBM Code Challenge</b> , Silicon Valley Code Camp, San Jose, USA | Nov 2017          |
| • <b>Member of Indian Student Organization(ISO)</b> , San Jose State University | Aug 2017- Present |
| • <b>Best Team Award</b> , Tata Consultancy Services, Pune, India               | Feb 2017          |