Namratha Prabhu

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Linkedin Profile | Github Profile | Portfolio

Graduate student with experience in Web and Software Development. Actively looking for full-time opportunities.

EDUCATION

Master of Science in Computer Science at San Diego State University, San Diego, CA (GPA: 3.30/4)   Dec 2018
Bachelor of Engineering in Electrical Engineering at NIE, Mysuru, India (GPA: 8.33/10)   June 2016

TECHNICAL SKILLS

Languages	: Java, JavaScript, PHP, Python	**Libraries**	: Redux, React.js, jQuery
Web	: HTML5, CSS, REST, Bootstrap	**Testing Tools**	: Selenium, Junit
Frameworks	: Node.js, Angular, Express.js	**Project Management**	: Git, Agile, SDLC, Jira
Database	: MySQL, Oracle	**Cloud**	: AWS
OS	: Windows, Linux, Mac	**Build Tools**	: Jenkins, Gulp

WORK EXPERIENCE

Software Engineer Intern at Rehinged, San Diego, CA   Aug 2018 - Present
- Developing an interactive User Interface using HTML, CSS, **Angular 6** and Angular Material
- Integrated user facing angular components with server side using RESTful Web Services. Developed user authentication through JSON Web Tokens (JWT)
- Application backend implemented as **Node.js** Express.js application server. Used JSON for accessing data from Angular Services to Node.js APIs; Using **Gulp.js** for automating tasks for an efficient workflow
- Responsible for Writing detailed design documentation, create unit and sub system test cases using **Karma**, **Mocha** for API testing; Using **JIRA** to keep track of bugs to reduce downtime, increase productivity, and communication

Software Engineer Intern at VLI - EV, San Diego, CA   June 2018 - Aug 2018
- Involved in developing web application using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept
- Worked on Lifecycle Methods, State, Props, and Events to create interactive and stateful React Components, achieved routing using **react-router**; Maintained states in the stores and dispatched the actions using **redux**
- Used Middleware, **Redux-Promise** in application to retrieve data from Back-End and to also perform RESTFUL services

Software Engineer at Loctell Solutions, Bengaluru, India
- Developed an Audit Tool application using **Java**, **Swing**, **HTML**, **Javadoc** to facilitate system data interpretation and presentation
- Analyzing, troubleshooting, maintaining software for client's multilayered systems and preparing solution design document; Used **Selenium** WebDriver, **Java** and **TestNG** for testing
- Configured and maintained continuous test integration and automatic build for regression testing using **Jenkins**

ACADEMIC PROJECTS

Awesome Places Mobile Application [React.js, React Native, Redux, JavaScript]
- A mobile app where users can share amazing pictures and the location where they took them
- This app will allow user to see things like using maps, the camera, user authentication, connecting to a server and much more in action

CRUD Application [Spring Core, Hibernate, Spring MVC, Spring Security, Spring REST, Maven]
- Developed a real-time CRUD using Spring Framework 5 with password encryption for database
- Built the application using Maven with Maven repository for dependency coordinates

Recipe Book and Shopping List App [Angular, Angular CLI, Bootstrap, HTML, CSS3, TypeScript]
- Designed and Developed a Single Page Application which had two sections shopping list and recipe book
- Recipes in the app can be added, managed, and viewed in detail and manage the shopping list and push ingredients from the recipe directly to a shopping list

Personal Notepad App [MongoDB, Express.js, Angular, Node.js, Angular Material, TypeScript, Angular CLI]
- Developed a MEAN stack application that allows user to create and upload a post with location, images and videos

Online Camera store [Java Servlets, JSP, HTML5, CSS, JavaScript, jQuery, AJAX, JSON, MySQL, Tomcat]
- Created an online camera store where customers can view variety of cameras offered by various brands and make orders; used Java servlets/JSP for dynamic server-side development