

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

Web : HTML5, CSS, REST, Bootstrap

Frameworks : Node.js, Angular

Libraries : Redux, React.js, jQuery

Project Management : Git, Agile, SDLC, Jira

Database : MySQL, Oracle

WORK EXPERIENCE

Software Engineer Intern at Rehinged, San Diego, CA

Aug 2018 - Present

- Developing an interactive User Interface using **Angular 6** and Angular Material.
- Used the Form Modules from Angular to guide the user efficiently and effectively through the business workflow
- Secured REST API endpoints with JWT so that no unauthorized third-party entity can abuse the API resources in production
- I set up **continuous integration**/continuous deployment pipeline to production cloud
- Application backend implemented using **Python** flask framework; I designed and set up a microservice architecture using **Docker** while setting deployment on **AWS** cloud; Created unit and sub system test cases using **Karma**

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 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; Used **JIRA** to keep track of bugs to reduce downtime, increase productivity, and communication

Software Engineer at Loctell Solutions, Bengaluru, India

May 2015 - June 2016

- Developed an Audit Tool application using **Java**, **Swing**, HTML, **Javadoc** to facilitate system data interpretation and presentation
- Used **Ant** build tool to manage dependency jar files, plug-in and test suites using pom.xml file
- Analyzing, maintaining software for client's multilayered systems and preparing solution design document
- Used **Jenkins** to configure and maintain continuous test integration and automatic build for regression testing

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

CRUD Application [Java, 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, JavaScript, jQuery, AJAX, JSON, MySQL, Tomcat, HTML, CSS]

- 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

LEADERSHIP

- Graduate Mentor**, San Diego State University 2017 - 2018
- Student Placement Coordinator** for Electrical and Electronics Engineering, NIE, Mysuru 2015 - 2016
- Event Coordinator** at Onyx, Entrepreneurship Development Cell, NIE, Mysuru 2014 - 2015