

# Farooq Alaulddin



## Personal info

**First name:** Farooq  
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## Projects

<b>Project Management System</b> Sacramento United States	<b>Caltrans</b> <ul style="list-style-type: none"><li>This app helps engineers track the progress of their assigned projects.</li><li>Users can add/delete/update/generate weekly time-sheets with its calculations and present it to contractors/clients and managers to review/accept.</li><li>Multi-user capabilities so many users can work on many projects with specific role for each user.</li><li>It has in-app capabilities to transfer file of any type between users using FTP Servers.</li><li>It also has a user login and registration feature involving JWT.</li><li>It is written in LAMP based on MVC design pattern.</li><li>Some of the front-end technologies used are HTML/CSS, Javascript, jquery, bootstrap and semantic ui.</li><li>Git &amp; GitHub used to manage versions.</li></ul>	<b>10/2019 - present</b>
<b>Admin Dashboard System</b> Sacramento United States	<b>Caltrans</b> <ul style="list-style-type: none"><li>This platform is used alongside the Management system to provide more administration features to managers and directors.</li><li>Features includes projects assignment, approve &amp; disapprove time-sheets, send global notifications, give users rights or take away rights to do certain actions.</li><li>This app is build using NodeJS/ReactJS, bootstrap, semantic ui in frontend.</li><li>REST APIs, PHP, MySql as a backend.</li><li>Composer &amp; npm were used to manage packages and libraries.</li><li>Git &amp; GitHub used to manage versions.</li></ul>	
<b>Project Cost Estimation Calculator</b> Carmichael United States	<b>Caltrans</b> <ul style="list-style-type: none"><li>This is a multi-platform web based application that estimate project future costs based on given inputs combined with standard Caltrans rates.</li><li>build using HTML, Css, JavaScript.</li></ul>	<b>07/2019 - 09/2019</b>
<b>Processor</b>	<b>School Project</b> <p>The purpose of our project is to design and simulate a 16-bit, five-stage pipeline processor using Quartus design tool , Schematic, Verilog, and VHDL.</p>	
<b>Scientific Calculator</b>	<b>School Project</b> <p>Built using OOP JAVA and Swing library. The calculator was able to perform complex math such as matrices and some calculus</p>	



## Education

<b>California State University</b> CARMICHAEL United States	<b>Computer Engineering</b> <ul style="list-style-type: none"><li>GPA : 3.5</li><li>Clubs : Member of Tau Beta Pi Engineering Honors</li><li>Awards : Deans Honors List</li></ul>	<b>08/2019 - present</b>
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## Experience

<b>Full Stack Developer</b> <ul style="list-style-type: none"><li>Full stack web developer that responsible for develop, test, and deploy</li></ul>	<b>07/2019 - present</b>
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## Experience

**Caltrans**  
**Sacramento**  
**United State**

new software applications using HTML,CSS, JavaScript, React, and back-end PHP.

- I am directly responsible of 3 application one of which is published internally and used may many users. The others are being tested and consistently updated.
- The projects included database design, analysis, and implementation using stored Procedures, Triggers, and functions. Coordinated functional prototype testing with stakeholders. Tested the developed pages for accessibility and security issues.
- Also I assist with adding/updating features to existing applications.
- *More about the applications in the Projects section*

**Gosource**  
**Sacramento**  
**United State**

**Internship**

**05/2019 - 08/2019**

- Documenting network support activities.
- Evaluating local area network (LAN) or wide area network (WAN) performance data to ensure sufficient availability or speed, to identify network problems, or for disaster recovery purposes.
- Identifying the causes of networking problems, using diagnostic testing software and equipment.
- Provide feedback on project related activities using Jira

**Banana Republic**  
**Roseville**  
**United State**

**Sales Representative**

**09/2016 - 01/2019**

- The most essential aspect of this position was to establish contact with clients by demonstrating powerful communication skills and efficiently guide potential clients through the sales process.
- This position helped me build strong character that is able to meet customer expectations which increased the likelihood of a sale. Therefore, increase in company profit.
- Also, the section I was responsible for always had excellent customer satisfaction.

**Apple Technician**

**08/2015 - 09/2016**

Troubleshoot equipment and document failure analysis reports.



## Skills

### Programming Languages

PHP	<div><div></div><div></div><div></div><div></div><div></div></div>
JavaScript/TypeScript	<div><div></div><div></div><div></div><div></div><div></div></div>
C++/C	<div><div></div><div></div><div></div><div></div><div></div></div>
JAVA	<div><div></div><div></div><div></div><div></div><div></div></div>
Node.js	<div><div></div><div></div><div></div><div></div><div></div></div>

### Languages

English	Full
Aarbic	Native

### Other Skills

jQuery	<div><div></div><div></div><div></div><div></div><div></div></div>
Git	<div><div></div><div></div><div></div><div></div><div></div></div>
Bootstrap	<div><div></div><div></div><div></div><div></div><div></div></div>
semantic ui	<div><div></div><div></div><div></div><div></div><div></div></div>
React/Angular	<div><div></div><div></div><div></div><div></div><div></div></div>