

# Francisco Avina

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## Software Engineer

*Object-Oriented Programming ■ Design and Development ■ Relational Database Systems*

- **Expert in advanced development methodologies**, tools and processes contributing to the design and rollout of software applications.
  - **Known for excellent troubleshooting skills**, able to analyze code and engineer well-researched and responsive solutions.
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## Technical Skills

JavaScript, CSS, Typescript, Python, HTML, REST, SQL, MySQL, MongoDB, PostgreSQL, C, C++, Angular Framework, React, React Native, Bootstrap, Django, Express, Node.js, Koa, Docker, Git, Github and more

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## Professional Experience

**Software Engineer**, 3/22 to 6/23 – BITWISE INDUSTRIES, Fresno, CA

- Collaborated with a team of developers to design, develop, and maintain client projects using React for the frontend and Django for the backend. Worked closely with cross-functional teams, including designers and product managers, to deliver high-quality software products within project deadlines.

**Junior MES Engineer**, 9/21 to 10/21 – GALLO WINERIES, Fresno, CA

- Contributed in optimizing manufacturing processes, improving efficiency, and ensuring the smooth operation of MES systems within a manufacturing environment by writing scripts and configuring systems in Inductive Automation(Ignition) software to customize and test our MES applications.

**Software Engineer Intern**, 3/21 to 8/21 – BVT Code Academy, Modesto, CA

- Successfully completed a five month internship specializing in backend development using Node.js and KOA. Collaborated within a dynamic development team to architect and create RESTful API applications.
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## Projects

### Diabuddy Mobile Application

- Diabetes management app designed to facilitate monitoring for both patients and doctors. Seamlessly integrates with the Nightspot Web Monitor, offering real-time glucose readings for enhanced diabetes care.

### Fitnits Application

- Worked in a team to create an Angular App that would interact with a server and request information to display in the dashboard as well as push information to the server to store in our database.
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## Education

CSU FRESNO – Fresno, CA

**Bachelor of Science in Computer Engineering (BSCE)**

BVT CODE ACADEMY – Modesto, CA

**Certificate of Completion for Full Stack Web Development Program**