

# JOMEL BAUTISTA

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## EDUCATION

### Coding Dojo

San Jose, CA

*Obtained Full-Stack Developer Certificate*

10/22

- Completed projects utilizing the following technologies: JavaScript, React.js, Express, MongoDB, Mongoose, Socket.IO, JSON Webtokens, Python, Flask, MySQL, AJAX, API, HTML, CSS, Postman, Git, and Github

### State of California Professional Civil Engineer License

CA

*Issued by State of California Board for Professional Engineers, Land Surveyors, and Geologists*

04/22

### De Anza College

Cupertino, CA

*Completed coursework in Web Development, iOS Mobile Development, JavaScript, C++, and Photoshop*

12/19

### Stanford University Continuing Studies Program

Palo Alto, CA

*Completed coursework in Python programming and algorithms*

05/19

### California State Polytechnic University, Pomona

Pomona, CA

*Received Bachelor of Science in Civil Engineering, First-generation college student*

06/17

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## TECHNICAL PROJECT EXPERIENCE

### MERN Keeper

[Github](#) | [Demo Site](#)

*Developed full-stack web application inspired by Google Keep with automatic text orientation and script detection feature*

- Designed modularized full-stack single page application using MERN stack technologies
- Created React Hooks to handle authentication/authorization via backend middleware using JSON Webtokens
- Designed complete CRUD abilities to support custom models, routes, controllers, middleware, and API endpoints
- Integrated Tesseract.js library for optical character recognition feature to record text from images

### Sportopedia

[Github](#) | [Demo Site](#)

*Developed full-stack web application for youth basketball organization to record and display player rosters and statistics*

- Built advanced CRUD abilities for modification of MongoDB nested documents using Mongoose library
- Implemented Axios API library to make asynchronous HTTP requests to custom developed API endpoints
- Utilized Chart.js library to dynamically visualize queried data from MongoDB database

### South Bay Rehab and Performance Clinic Website

[Github](#) | [Live Site](#)

*Developed website for a local chiropractic clinic to display business information, services, and videos*

- Developed modern user interface based on client input with HTML, JavaScript, CSS (Bootstrap Framework)

### JPMorgan Software Engineering Virtual Experience on Forge

[Github](#)

*Received certification on 01/23 for completing virtual program based on company's framework and tools*

- Completed financial analysis and web application tasks utilizing Python, JavaScript, TypeScript, Git, and Github

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## WORK EXPERIENCE

### Valley Water

San Jose, CA

*Pipeline Project Delivery Unit - Associate Engineer, Assistant Engineer I & II*

06/17-01/19, 07/19-09/22

- Completed project management tasks of 3 critical infrastructure projects from \$8 to \$22 million dollars in value
- Produced project budgets, GANTT charts, risks and corresponding mitigation plans, and communications plans
- Delivered engineering design, calculations, specifications, and cost estimates to deliver construction contracts

### Valley Water

San Jose, CA

*Hydrology, Hydraulics, and Geomorphology Unit, Asset Management Unit - Assistant Engineer I*

01/19-06/19

- Created GIS maps via SQL queries on GIS platform of the company database to create figures for permitting
- Updated company database on maintenance schedule of assets to forecast maintenance budgets