

# JOMEL BAUTISTA, PE

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## EDUCATION

### Coding Dojo

San Jose, CA

*Completed required assignments and passed assessments to obtain Full-Stack Developer Certificate*

10/22

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

### California State Polytechnic University, Pomona

Pomona, CA

*Received Bachelor of Science in Civil Engineering, Co-Project Manager of Senior Project*

06/17

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## TECHNICAL PROJECT EXPERIENCE & ACHIEVEMENTS

### South Bay Rehab and Performance Clinic Website

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

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

- Designed and developed modern user interface with HTML, JavaScript, CSS (Bootstrap)

### JPMorgan Software Engineering Virtual Experience on Forage

[Github](#)

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

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

### Sportopedia

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

*Developed web application for youth basketball organization to record player rosters and statistics*

- Leveraged React.js, MongoDB, Mongoose, Express, and Node (MERN Stack) to deploy full-stack web application
- Developed backend to allow users to create, read, update, and delete MongoDB documents and subdocuments
- Integrated Chart.js library to dynamically visualize athlete statistics based on selected category

### MERN Keeper

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

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

- Utilized custom React.js Hooks to handle authentication and authorization via JSON Webtokens
- Developed feature to record text from images utilizing Tesseract.js library
- Gained familiarity with advanced React Hooks such as useContext and useReducer

### Capital Water Utility Infrastructure Project

07/19-09/22

*Project Manager and engineer on owner's side during design/construction phase of multi-million dollar capital project*

- Managed workflows of 5+ engineers and 30+ stakeholders in hybrid (virtual and in-person) setting
- Utilized concise and detailed communication as liaison between construction, engineering, and city jurisdictions

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## WORK EXPERIENCE

### Santa Clara Valley Water District

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
- Carried engineering design, calculations, specifications, and cost estimates to deliver construction contracts
- Mentored and supervised 5 full-time engineers and 5 interns to raise motivation and provide instruction as needed

### Santa Clara Valley Water District

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