

JOMEL BAUTISTA

jomelb.com • (408) 799-8118 • jomelgbautista@gmail.com
linkedin.com/in/jomelgbautista • github.com/jomelbautista

EDUCATION

Coding Dojo

San Jose, CA

Obtained Full-Stack Developer Certificate

10/22

- Completed coursework and projects utilizing the following 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

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, Co-Project Manager of Senior Project

06/17

TECHNICAL PROJECT EXPERIENCE

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 company's 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 and display 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

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
- Utilized concise and detailed communication as liaison between construction, engineering, and city jurisdictions
- 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