

Bryan Caldera

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WORK EXPERIENCE

NEXTracker Inc - Software development intern

Oct 2021 - Feb 2022

Fremont, CA

- Designed and developed a software tool to improve the efficiency of the firmware team by allowing them to analyze device logs with ease.
- Streamlined the process of viewing and filtering data from hundreds of text files into one centralized location with generated tables and charts. This contributed to a faster and more accurate diagnosis of bugs.
- Utilized React for the frontend web app and Nodejs for the backend. Deployed using Nginx, Docker, and Jenkins to ensure a secure and continuous delivery of the software tool.

EDUCATION

San Jose State University - Software Engineering, M.S

August 2022 - Current

San Francisco State University - Computer Science, B.S

August 2017 - May 2021

PROJECTS

Restaurant Ordering System

- Deployed a webapp that allows restaurants to manage their menus and accept orders from customers for pickup or dine-in. Contributed a full backend REST API and MySQL database. Launched using AWS EC2, S3, RDS.
- <https://github.com/BryanC21/RestaurantMan-backend>

Healthcare Management System

- Constructed a database model that would be used by a healthcare provider to manage and track resources such as appointments, prescriptions, patients and more. Implemented using MySQL and interacted through a Python console interface.
- <https://github.com/BryanC21/Python-MySQL-HealthCare-Management-System>

Recipe App for iOS

- Constructed an app that gives users lists of food recipes and categories. Provided users, the ability to then view a recipe's instructions and ingredients. Leveraged TheMealDB's public database for a continuously changing recipe source.
- <https://github.com/BryanC21/iOS-RecipeApp>

SKILLS

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|--------------|-----------------------|-------------------------|
| • NodeJS | • HTML | • S3 |
| • JavaScript | • CSS | • CloudFront |
| • Java | • Swift | • Elastic Load Balancer |
| • Python | • Docker | • Lambda |
| • C++ | • Linux | • RDS |
| • MySQL | • Git | • Route 53 |
| • React | • Amazon Web Services | • Elastic Beanstalk |
| • Redux | • EC2 | |