Robert Balatbat

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EDUCATION

California State Polytechnic University, Pomona   August 2019 - May 2023
Bachelor of Science in Computer Science   Pomona, CA
- GPA: 3.92, Summa Cum Laude

EXPERIENCE

Coding Mind | codingmind.com   October 2023 - Present
Coding Instructor | Developer
- Led courses teaching frontend development using React with Vite, Firebase, and a Python Flask API backend.
- Maintained codingmind.com, adding web pages, new features, or fixing any issues that arose.

Software Development Intern   December 2022 - September 2023
- Revamped old company website with modern UI using Bootstrap and Jekyll in HTML, CSS, and JavaScript.
- Implemented pages and components from wireframe to production with a focus on responsive design.
- Deployed the statically generated site using GitHub Actions for the CI/CD pipeline.

Headstarter   June 2022 - September 2022
Software Engineering Fellow
- Worked in a team of 5 to implement a platform for facilitating customer emails, SMS, and live messages.
- Engineered a live chat modal to assign customers to the customer support platform queue using Firebase Firestore transactions and implemented various API connected UI components using Tailwind.
- Won 1st Place against 11 teams after the presentations of our projects to a Product Manager at Plivo.

PROJECTS

ideArt | Mobile App Link | Web App Link   Summer 2023
Flutter Mobile and React Web App
- A multiplatform art sharing and inspiration social media app built using Flutter for mobile and React for web.
- Led full-stack development using React with Tailwind CSS and AWS services for the backend.
- Programmed mobile app in Dart using Flutter allowing for responsive UI and CRUD functionalities using AWS.

Customer Support Platform | github.com/robjgb/plivo-mock   September 2022
Full-stack React Web App
- An omnichannel communications platform designed to facilitate customer support inquiries.
- Developed using Next.js and TypeScript with Tailwind CSS and a Firebase backend.
- Worked with 3 other software engineering fellows and a UX/UI designer under a scrum process.

Resume Parser | github.com/robjgb/Resume-Parser   August 2022
Full-stack React Web App
- A mass resume parsing app that automates the resume reviewing process.
- Constructed using React with Bootstrap in the frontend and Amazon Amplify for the backend.
- Created a serverless GraphQL API that parses the resumes through AI/ML using Amazon Textract leveraging AWS Lambda leading to 99% uptime with real-time DynamoDB data table entries.

ACTIVITIES & ORGANIZATIONS

CPP Virtual Reality Lab | VR Research Assistant | cppvr.org   Spring 2022
- Produced a Unity-based VR application using C# consisting of tower defense-inspired gameplay.

SKILLS

Languages: Python, JavaScript, HTML, CSS, Java, Dart
Technologies: React, Node.js, Express, Firebase, AWS Amplify, Amazon EC2, DynamoDB, Jekyll, GitHub, Git
Flutter, Android Studio, Bootstrap, Tailwind