Robert Balatbat

rjgbalatbat@gmail.com | linkedin.com/in/robert-balatbat | github.com/robjgb | robjgb.tech

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 leveraging React with Vite, Firebase, and a Python Flask API backend, empowering students to build dynamic web applications.
- Managed the maintenance and continuous improvement of codingmind.com, launching new features, resolving critical issues, and enhancing user experience.
- Implemented a complete localization system, expanding reach for local branches and driving engagement.

Software Development Intern   December 2022 - September 2023
- Transformed outdated company website with modern UI using Bootstrap and Jekyll, delivering fast and fully responsive designs from concept to production, boosting customer retention and acquisition.
- Innovated a solution for bilingual content management, improving website consistency.
- Deployed the statically generated site using GitHub Actions for the CI/CD pipeline.

Headstarter   June 2022 - September 2022
Software Engineering Fellow
- Collaborated with a team of 5 to develop a platform for facilitating customer emails, SMS, and live messages.
- Architected a live chat system, integrating Firebase Firestore transactions to queue customer support requests, and designed multiple API-driven UI components using Next.js and Tailwind CSS.
- Won 1st Place out of 12 teams, impressing a Product Manager at Plivo with the execution of our project.

PROJECTS

ideArt | Mobile App Link | Web App Link   Summer 2023
Flutter Mobile and React Web App
- Created a multiplatform art-sharing app built using Flutter (mobile) and React (web).
- Led full-stack development with AWS backend services, ensuring seamless integration across platforms.

Customer Support Platform | GitHub   September 2022
Full-stack React Web App
- Engineered an omnichannel communication platform using Next.js, TypeScript, Tailwind CSS, and Firebase.
- Collaborated with a team under a scrum process, driving the project to completion.

Resume Parser | GitHub   August 2022
Full-stack React Web App
- Built a mass resume-parsing app using React and Boostrap, automating the resume-reviewing process.
- Leveraged AWS services (Amplify, Textract, Lambda) leading to 99% uptime with real-time data handling via DynamoDB.

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