

# Jose Valdivia

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## EDUCATION

### University of Maryland

Bachelor of Science - Computer Science - Minor Mathematics - GPA: 3.51

College Park, MD

Graduated 2025

## EXPERIENCE

### Full-Stack Developer

Upwork

Jan 2025 – Present

Remote

- Client 1: Successfully migrated customer website from Wix to headless **WordPress**.
- Client 2: Built a private GPT chat room using **AI SDK** to handle user Q&A efficiently; utilized **RAG** to make LLM context-aware on client-specific data stored in a vector database.

### Software Developer Intern

D.C Code Officials Association

Jun 2023 – Sep 2023

Remote – Washington D.C

- Built a CMS dashboard app from scratch, saving **\$300/year** from WordPress Business Plan.
- Led and trained 4 interns by conducting code review sessions to ensure code quality using **SOLID principles**.
- Remodeled company website by creating a beautiful responsive landing page, synced with CMS to display company data.
- Major features: calendar, authentication, text-rich editor, newsletter, **AWS S3** for image storage, and Stripe payment integration.
- Collaborated in a **Scrum** agile manner and closely coordinated with Product Manager to achieve website goals.

## LEADERSHIP EXPERIENCE

### Dine-In | Dart, Flutter, PostgreSQL, Google API, Node.js

Jan – May 2024

- Led a team of 3; Developed a **Flutter** app for easy restaurant table reservations, improving the booking experience.
- Architected and implemented the database using **PostgreSQL**; successfully managed 10+ relational join tables.
- Automated and **scrapped** 100,000+ restaurants from **Google API** using **Node.js** script, cutting Google Places API calls.

### AppTracker | Javascript, MongoDB, Express, Node, ReCharts, Nodemailer

Jan – May 2023

- AppTracker is a job-hunting app that enables users to organize, plan, and track their job applications.
- Led a team of 3 peers; implemented RESTful APIs in **Express.js**, using the **MVC pattern**; completing project in 3 months.
- Provided users intuitive interfaces featuring a modern data table, kanban, calendar, charts, and CSV data export via email.

## PROJECTS

### Marval UI - UI Library | Typescript, React, Fumadocs, Changesets

- Built a copy-paste-ready, fully composable React UI component library with **WCAG-compliant accessibility**, proper **Aria semantics**, smooth animation with Framer Motion, and native keyboard navigation.
- Implemented a RAG-powered search input that queries 50+ documents with ~200 ms response time.
- Integrated **Model Context Protocol (MCP)** support to enable tool-aware interactions between the UI library and AI agents.
- Built a **Command Line Interface (CLI)** that installs and scaffolds components with a single terminal command.

### Code Scope Highlighter | Typescript, VS Code API, ESBuild

- VS Code extension for developers that improves code readability and DX by highlighting the scope of matching brackets.
- Published on the VS Code marketplace, reaching **470+ downloads**.

### ConsoleX | Typescript, React

- Built a developer friendly debugging and logging widget that displays runtime data on demand; successfully published on NPM.

## SKILLSET

**Frontend:** React, React Native, Typescript, Redux, Nx

**Backend:** RESTful API, SQL, data pipelines, message processing systems, high-volume data systems

**Cloud:** AWS Lambda, AWS S3, Cloudflare R2, Cloudflare Workers, Cloud Firestore, Kafka, RabbitMQ

**Engineering:** Logging, Monitoring, Metrics analysis, Jest, Unit testing, E2E testing