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WORK EXPERIENCE

This is **not** a complete list of my work, but rather several relevant jobs showcasing the various technologies I have used and fields I have worked in.

Lead Developer – Partplace

Technologies used: Node.js, Typescript, React, NGINX, AWS

I am developing a MVP for a startup, Partplace, which involves

- Using Node.js, Typescript and React to develop a modern web app
- Deploying and hosting using Gitlab, AWS and NGINX
- Integrating technologies such as Auth0, Airtable, Shopify and Stripe

Software Engineer – Little Red Trucks

Technologies used: Python, Node.js, Vue.js, Typescript, PostgreSQL, NGINX

I work as a lead engineer on various projects including:

- Using Python, Vue.js and Typescript for the website and an app
- Maintaining CI/CD processes and hosting with Gitlab, AWS and NGINX
- Maintaining and extending the database using PostgreSQL

Integration Developer – Inworld.ai

Technologies used: Java, Spigot, API Integration

I integrated Inworld's AI characters into a Minecraft plugin, implementing features included:

- Using Java to develop AI-powered in-game characters
- Implementing Inworld's REST API to communicate between the game server and Inworld's AI
- Setting up CI/CD with Github

Full-Stack Engineer - Pearler

Technologies used: React, Typescript, Node.js, GraphQL, AWS

I worked within Pearler's engineering team to develop their website, working on things such as:

- Using React, Typescript and Node.js to develop their website
- Using Auth0 to improve authentication and add more signup/login options
- Using GraphQL and PostgreSQL to work on their database
- Utilising Test Driven Development and participating in Code Reviews

Surveying App Developer – Red Group

Technologies used: C/C++, Bash

I developed a server application used to process surveying data, which involved:

- Developing the application using C and Bash
- TCP connections with clients and scanning UDP ports