# EUGENE PARK

Software Engineer
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## WORK EXPERIENCE

**Software Engineer - Vista Metals Corp.**                    **Aug 2023 - Present**

- Helped implement migration of critical SQL transactions into optimized, scalable API endpoints utilizing Prisma ORM, significantly improving the readability and maintainability of the internal system's data access layer.
- Designed and implemented RESTful API interfaces for key business operations, replacing legacy direct SQL execution, which reduced database connection overhead and enhanced system throughput.
- Developed a Progressive Web Application (PWA) for internal use, delivering a native-app-like experience across multiple platforms and improving field team productivity.
- Integrated React Router to manage front-end navigation and user flow within the PWA, ensuring a smooth and responsive single-page application experience.
- Configured the PWA for deployment and native features using Android Studio, enabling installation on mobile devices and offline capabilities.

**Associate - 85C Bakery Cafe**                    **Aug 2022 - July 2023**

- Managed conflict resolution and customer escalations by practicing active listening and proposing immediate, viable solutions under time constraints.
- Adapted quickly to shifting priorities during peak hours, maintaining high attention to detail while multitasking across concurrent responsibilities.

## SKILLS

- SQL
- Angular
- Tailwind
- Next.js
- React
- Python
- Typescript
- Git
- Nestjs
- REST
- Firebase
- Asana
- Communicating with customers/users
- Efficiently moving between projects
- Creating full applications
- Maintaining large projects

## PROJECTS

**Godoty** Live Code

- Engineered Godoty, a full-stack Python WebView application that features a custom-built backend to host and manage Strands Agents with a specialized OpenRouter API configuration.
- Developed a dynamic, real-time user chat interface using Angular and facilitated advanced Agentic functionalities by integrating a Godot Plugin WebSocket Server for high-throughput, bidirectional communication.

**XIVMITPLAN** Live Code

- Developed and Deployed XIV Mitigation Planner, a full-stack application leveraging React, Vite, and Firebase (realtime database, authentication) that quickly gained over 1,000 active users.
- Engineered real-time collaboration features and offline-adaptive capabilities, significantly enhancing user engagement and accessibility.
- Implemented robust security measures to protect public-facing data and user accounts, enhancing project reliability and user trust.

**PROJECTS**

**Rancho Drive Train Engineering** `Live`

- Developed and launched a professional WordPress website for Rancho Drive Train, significantly enhancing their online presence and information accessibility.
- Integrated Elementor and various plugins to deliver an interactive and modern user experience.

**Marble Blog** `Live` `Code`

- Developed a performant, headless blog application using Next.js and React, leveraging Static Site Generation (SSG) to ensure fast load times and optimized SEO.
- Architected a flexible content management system by integrating GraphCMS (Hygraph), utilizing GraphQL queries to efficiently fetch and manage dynamic article data, author profiles, and categories.
- Designed a responsive, mobile-first UI with Tailwind CSS and SCSS, implementing modular components for a consistent visual identity across the platform.