

# Parker Freestone *Full-Stack Web Developer*

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## SKILLS

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| Javascript | Typescript | Python | Groovy | HTML5 | CSS3 | React.js | Angular | Remix.js | Django | SQL | PostgreSQL | Oracle DB | PL SQL | JQuery | AJAX | Bootstrap | ChakraUI | Material UI | Tailwind CSS | Jest | NX Microservices | CI/CD | Node.js | Git/Github | Arch Linux | NGINX |

## PROFESSIONAL EXPERIENCE

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**Insight Global: University Of California, Riverside** | Remote

*February 2023 - Present*

*Affiliate Junior Developer (Contract)*

- As a contracted developer, I supported and enhanced systems like eFilePlus and HRMS by implementing critical features which facilitated the secure management of faculty data. Utilized Groovy, Oracle DB, and Angular in the software development process.
- Demonstrated strong problem-solving and adaptability skills by rapidly acquiring proficiency in Groovy, Grails, and Angular, ensuring timely delivery of sprint features to meet client requirements.
- Engaged actively in daily discussions with fellow developers and conducted bi-weekly client meetings, fostering strong collaboration and clear communication. These interactions ensured efficient product delivery in alignment with Agile methodologies

**Utah State University** | Logan, UT

*May 2022 - February 2023*

*Student Software Engineer*

- Enhanced networking engineers' productivity by reengineering applications, focusing on user experience and code efficiency. Utilized Cloud technologies and secure software development practices.
- Collaborated with fellow student programmers on the development of web-based software using React, NestJS, PostgreSQL, and the Nx-Microservice Architecture. This software was designed to manage switch statuses and visualize all campus networking traffic, reflecting the complexity of medium to large sized projects.
- Managed and updated large volumes of legacy code using Django, Flask, and jQuery, ensuring the elimination of vulnerabilities and adherence to modern security standards. Regularly communicated technical complexities effectively with both technical and non-technical personnel.

**Utah State University** | Logan, UT

*September 2021 - May 2022*

*Website Technician*

- Migrated a large number of University websites to an updated template of Bootstrap 4, with a focus on responsive and accessible design
- Provided training in website accessibility and general technical competence for new content managers around the University
- Administered technical customer service to aforementioned content managers, using ClickUp and ServiceNow to track ticket progress

**Internal Revenue Service** | Ogden, UT

*July 2020 - March 2021*

*Student Trainee Clerk*

- Handled high-volumes of paperwork (Mostly business quarterlies) to get sorted, stamped, corrected, and shipped off down the pipeline
- Headed trainings for new hires, by providing necessary on-job knowledge for a successful workplace

## EDUCATION

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### **Western Governors University** | Remote

*Starting August 1st 2023*

- Software Engineering B.S.

### **Devmountain** | Lehi, UT

*Graduated December 2022*

- Web Development Program

### **Utah State University** | Logan, UT

*August 2021 - May 2022*

- Computer Science

### **Fremont High School** | Plain City, UT

*Graduated May 2021*

- General Highschool Diploma

## PROJECTS

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### **Highland E-Commerce Platform** - [Github Repo](#) | [Hosted Site](#)

An in-progress e-commerce platform, designed to parallel the functionality of popular platforms like Shopify. Developed with a modern stack and a focus on user experience. This project demonstrates the ability to design and manage large-scale e-commerce solutions, showcasing key skills relevant to the Shopify Developer role. Managed live application using NGINX reverse proxy and VPS deployment.

Remix.js | Typescript | PostgreSQL | Docker | Material UI | Prisma | NGINX

- Building a comprehensive e-commerce platform from the ground up, utilizing Remix.js for efficient routing and rendering.
- Implementing a robust database using PostgreSQL to handle all necessary e-commerce operations.
- Managed the entire project using github issues, and github projects

### **Cosma** - [Github Repo](#)

A comprehensive social media application built with modern web technologies. This project exhibits proficiency in creating reusable, DRY components and managing full project lifecycles with github issues and projects.

React | NodeJS | PostgreSQL | Nestjs | Chakra UI | TypeORM

- Developed a social media application utilizing React to create simple, reusable, and DRY components
- Engineered a RESTful backend using Typescript and Nest.js to handle all necessary CRUD operations
- Managed the entire project using github issues, and github projects
- Integrated Chakra UI for styling and general user experience

### **Kruitbosch Painting Inc.** - [Github Repo](#)

A custom-built web application for a professional painting company, featuring Next.js and Supabase for storing images and hosting PostgreSQL schemas. This project showcases the ability to design user-friendly interfaces using Material UI and create secure admin panels.

React | Supabase | Material UI | Typescript | Nextjs

- Created a web-app for Kruitbosch painting using Next.js with Supabase to store images, and host PostgreSQL schemas and tables for form submissions
- Integrated custom Material UI components, and styles to provide a meaningful user experience
- Built out a full admin panel with Supabase OAuth, for authorized employees to add images to the site, and read form submissions

### **Vehservoir** - [Github Repo](#)

A streamlined vehicle rental management system developed for Utah State University IT department. This project demonstrates expertise in creating authentication modules in Nestjs, developing real-time calendars using websockets and React, and designing with a retro aesthetic using TerminalCSS.

React | TypeORM | Typescript | Nestjs | TerminalCSS | PostgreSQL

- Launched a web-app for the Utah State University IT department to streamline vehicle rentals (Vehicle Reservoir)
- Created an auth module in Nestjs using Bcrypt to manage admin accounts
- Built a real time calendar with FullCalendar using websockets, and react to showcase currently rented vehicles
- Utilized TerminalCSS for styling to give the site a retro feel

### **OpenIPAM** - [Github Repo](#)

A robust IP address management system, maintained and updated for Utah State University's Networking team. This project highlights skills in optimizing SQL queries for better performance, creating interactive reports using Python and Javascript, and improving user experience with Django ORM.

Django | JQuery | Bootstrap | PostgreSQL

- Provided regular maintenance, updates, and additions catering to the needs of Utah State University's Networking team
- Implemented interactive reports using Python, and Javascript to categorize network activity across a number of services (DNS, Hosts, etc.)
- Optimized performance of SQL queries using the Django ORM, in order to improve overall user experience.