

Parsa Peikani

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Education

University of Victoria

Major in Computer Science Honours

Victoria, BC

September 2020 - April 2025

- Dean's List Award
- UVIC 24,000 Excellence Scholarship Award

Skills

Languages

Python, JavaScript, TypeScript, Java, LaTeX, HTML, CSS, Sass, C, C++, SQL, TailWindCSS, JSON

Frameworks/Libraries

React, NextJS, AngularJS, Express, Node.js, Redux, Remix

Databases/Others

Git, GitHub, GitLab, Docker, Linux/UNIX, MongoDB, AWS, PostgreSQL, Firebase, Prisma

Work Experience

Good Things Consignment

Victoria, BC

Full Stack Web Developer Internship

January 2024 - Present

- Implemented an automated contract scanning system using **Node.js**, **GridFS**, and **Crontab**, enhancing document processing efficiency by converting and storing images in **MongoDB**, reducing manual input and error rates by more than **50%**.
- Developed notification and reporting features, integrating **NodeMailer API** for both automated and manual email updates and a real-time announcement system, improving stakeholder communication and operational transparency.
- Implemented data migrations for key **MongoDB collections** as part of the software upgrade from version **2.0** to **3.0**, successfully transitioning the system from a **single-store** to a **multi-store** setup and enhancing scalability.
- Developed a comprehensive video storage solution for security footage by integrating **MongoDB** with the existing **Lorex camera system**. This system archives all captured footage indefinitely, enabling users to access video from any specified time-frame, significantly enhancing the store's security and data retrieval capabilities.
- Implemented an innovative transaction verification feature that automatically saves **10-20** second clips linked to specific transactions, providing indisputable proof of payment and reducing disputes, thus ensuring **100%** transactional security and accountability.
- Developed a full-stack eCommerce platform on **Shopify** using **Next.js** and **React** for the frontend, integrated with **MongoDB** and **GridFS** for the backend, enabling online ordering and expanding customer reach.
- Implemented payment processing with **Stripe** and integrated **UPS** and **Canada Post** APIs for packaging and delivery, offering both in-person and online buying mechanisms, thereby enhancing operational efficiency and user experience.

Technical Projects

BudgetPro-Tracker

[demo](#) | [source code](#)

Technologies used: Next.js 14, React, PLAID API, Clerk, ShadcnUI, MongoDB

March 2024

- Developed a budget tracking app with Next.js 14 and React, integrating **PLAID** and **Wealthsimple APIs** for real-time financial data synchronization from **CIBC** and **TD** bank accounts. Employed **ShadCN UI** for a responsive, modern user interface.
- Implemented dynamic financial visualization using **NIVO** charts on the dashboard to display and analyze spending patterns and budget adherence, enhancing user decision-making.
- Created a transaction management page that allows sorting, editing, and detailed viewing of transactions via **PLAID API web-hooks**, improving user engagement and transaction tracking accuracy.

AI-Verse

[demo](#) | [source code](#)

Technologies used: Next.js 13, React, Clerk, Prisma, Stripe API, Crisp, ChatGPT, Replicate AI

August 2023

- Pioneered and launched a dynamic full-stack Software-as-a-Service (SaaS) platform, integrating five advanced AI tools spanning image, video, music, and code generation, powered by **ChatGPT** and **Replicate AI**.
- leveraged user experience using **Next.js 13**, integrating **Clerk** for authentication and **Prisma** for streamlined data management.
- Implemented a dual-tiered model with a **free** access tier and a **premium** subscription option, seamlessly facilitated through Stripe, showcasing dedication to user-centric design and operational excellence.

SportsShopOnline Website

[demo](#) | [source code](#)

Technologies used: HTML, Sass, JavaScript, React.js, Firebase, Redux, Stripe API

January 2023

- Designed and implemented an online store with intuitive navigation, multiple product categories, and a secure checkout process.
- Implemented the use of **Redux** and **Firestore** to improve website performance and efficiently store user data, demonstrating strong problem-solving skills and the ability to drive results.

2D SeaSavior Game

[demo](#) | [source code](#)

Technologies used: HTML, CSS, JavaScript

December 2022

- Designed and developed a 2D game featuring various gameplay mechanics such as shooting bullets, power-ups, and enemy interactions, resulting in a fully functional and engaging interactive game.
- Developed the entire game from scratch without any external libraries or frameworks, making it fully customizable and efficient.