Parker Hewitt

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TECHNICAL SKILLS

Languages: Java, HTML/CSS, JavaScript, Python, SQL, C/C++
Frameworks: React, Ruby on Rails, Bootstrap, JUnit, JPA, JDBC
Developer Tools: Git, GitHub, VS Code, Eclipse, NetBeans, Figma, VMware, Linux

EDUCATION

Bachelor of Science in Computer Science (Expected) September 2024 – April 2026
University of Lethbridge, Calgary Campus *Calgary, AB*
- Current Co-operative Education student
- Relevant Courses: Discrete Structures, Practical Software Development, Computer Architecture

Diploma in Information Technology, Software Development May 2021 – April 2023
Southern Alberta Institute of Technology (SAIT) *Calgary, AB*
- GPA: 3.73
- Relevant Courses: Advanced Object-Oriented Programming, Web Application Programming, Database Design and Programming, Security for Software Development, Capstone Project

PROJECTS

Twitter Clone: A Ruby on Rails Showcase | *Ruby on Rails, HTML/CSS, JavaScript, SQL.* Feb 2024
- Developed a Twitter-inspired web application using Ruby on Rails, implementing core functionalities such as posting tweets, following users, and dynamic feeds.
- Utilized industry-standard practices for code organization, testing, and deployment to ensure high-quality deliverables.
- Overcame hosting challenges to deploy the project, demonstrating resourcefulness and problem-solving skills.

MagicTheGathering-CardSearch | *TypeScript, React, Node.js, Express, Tailwind CSS.* Oct 2023
- Built a full-stack application using TypeScript, React, Node.js, and Express, integrating with the Scryfall API for Magic cards.
- Created advanced features including a search bar, rate limiting, and card display with images, names, set names, numbers, and rarities.
- Overcame API rate limiting challenges by implementing caching mechanisms to optimize performance and improve user experience.

Capstone Project – Tax Rate API | *Java, HTML/CSS, JavaScript, MySQL* Sept 2022 - Apr 2023
- Led a team of four to develop a Tax Rate API in collaboration with AtVenu, designed to enhance user experience and functionality.
- Designed and implemented a scalable backend architecture and automated database to efficiently process thousands of zip codes, reducing manual entry and improving accuracy.
- Integrated REST functionality and implemented JWT token-based authentication for secure API access.
- Created and delivered a demo showcasing seamless integration between backend and frontend components, presenting the functionality and design of the API to peers and instructors.

EXPERIENCE

Sales Clerk June 2019 – Aug 2021
Sobeys Liquor *Calgary, AB*
- Served as a Keyholder, entrusted with opening and closing the store multiple times a week, managing cash handling procedures, and ensuring the overall safety and security of the store during shifts.
- Provided outstanding customer service by assisting hundreds of customers monthly with product selection, offering information on promotions and specials, and addressing inquiries and concerns promptly.
- Played a pivotal role in inventory management by conducting monthly cycle counts to monitor hundreds of stock levels, ensuring product availability, and maintaining organized backstock areas.