

Jesse Pirrotta

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SKILL PROFILE

Highly effective and proficient in:

- Communicating and managing projects in a team and individually
- Program algorithms and software languages
- Operate system architectures
- Web application design and deployment
- Network and information security
- Database design and development
- System methodologies and project management
- Business principles and management
- Research and problem-solving

Languages: C/C++/C#, Java, Python, JavaScript, TypeScript, SQL, MongoDB

Frameworks: NextJS, Express JS, React Native, React, Svelte Kit, Django, Qt, Tailwind CSS, Bootstrap, Agile and Scrum development frameworks

Operating systems: Windows, Linux, UNIX, Mac

Developer Tools: Microsoft SQL Server, Node JS, MySQL, Visual Studio IDE, Visual Studio Code, JetBrains IDEs, Excel, Git/GitHub, CI/CD, Jira, Unreal Engine, Obsidian, Jotai, Figma

EDUCATION

Seneca Polytechnic

Jan 2022 - Present

Honours Bachelor of Technology - Software Development (BSD)

3rd year student gaining extensive knowledge and technical skills in software development languages, operating systems, web applications, multimedia interfaces, information security, databases, system analysis and design principles

Achievements

President's Honour List: recognized every academic year for outstanding achievement (4.0 GPA)

Renewable Degree Scholarship: awarded every academic year for maintaining a high GPA

FULL STACK DEVELOPMENT EXPERIENCE

Tickex: Event Management Website (View live @ <https://tickex.vercel.app/>)

- Seamlessly provided users with the ability to purchase and resell event tickets and event managers with a platform to create new events and select venues with ease
- Leveraged **Django and PostgreSQL** to create a flexible and secure venue management system allowing the addition of new venues with different seat tiers and configurations
- Collaborated with a team of two other student developers to successfully bring the project to completion

jessepirrotta.dev: Personal Portfolio Website

- Developed as a dedicated personal portfolio website
- Purposefully designed to dynamically showcase my proficiency in web development
- Utilized **Svelte Kit** as the chosen framework to expand my skill set beyond previous experiences with **React and Next.js**.
- Embraced the opportunity to learn a new, more statically-oriented framework, enhancing versatility in my web development toolkit

Fitness Planner Website (in progress)

- Collaborating with three other student developers to create a comprehensive web-based solution for the fitness and weightlifting community
- Aimed at providing users with an effective progress tracking tool while fostering a supportive, shared community platform
- Addresses the challenge of disorganized workout record-keeping using physical notebooks, suboptimal note apps or unintuitive workout apps
- Addresses the absence of platforms facilitating the sharing of workout progress and routines among users for motivation and knowledge exchange
- Back-End being developed using **MongoDB, Next.js, Clerk, Vercel, ExerciseDB API**
- Front-End being developed using **Tailwind CSS and Jotai**

EMPLOYMENT EXPERIENCE

Professional Leadership and Operations Management:

Assistant Manager | Wicks & Wires Vape Shoppe

Mar 2022 - Present

- Train and mentor new staff members, contributing to the team's overall skill development
- Manage inventory efficiently, ensuring optimal stock levels to meet customer demands
- Handle point-of-sale transactions, including debit, credit, and cash, demonstrating financial responsibility
- Execute store opening/closing procedures and day-to-day operations, showcasing leadership in a fast-paced retail environment

Retail Sales and Customer Engagement:

Part-Time Sales Associate | Reebok

Aug 2021 - Mar 2022

- Provided exceptional customer experiences, fostering positive interactions to drive sales
- Accurately handled point-of-sale transactions, including debit, credit, gift cards, and cash
- Maintained visual merchandising standards when organizing and displaying new inventory
- Ensured a well-organized and inviting shopping environment

Customer Service and Operational Excellence:

Part-Time Crew Member | McDonald's

Oct 2019 - Oct 2020

- Demonstrated speed and accuracy in preparing online orders for food delivery services and point of sale transactions
- Effectively addressed customer concerns, displaying strong problem-solving skills and escalating issues when necessary