

# Himanshu Seervi

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## Education

### University of Guelph

Guelph, Ontario

Bachelor of Computing in Software Engineering, Minor in Entrepreneurship.

Expected Graduation, May 2027

- **Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Calculus, Software Design, Web Development, Operating Systems.

## Projects

### Product Tracker | Next.js, Tailwind CSS, Nodemailer, MongoDB, Git

December 2024 – Present

- Developed a **Next.js** web application to monitor product prices, enabling real-time email notifications via **Nodemailer**, which alerts users when the price drops.
- Integrated **MongoDB** to store and manage product data efficiently, ensuring accurate tracking and faster updates, which enhanced data reliability and streamlined performance.
- Designed a user-friendly interface using **Tailwind CSS** for responsive designs, ensuring a seamless experience across all devices and enhancing the **UX** and overall usability.

### Tech MasterMind | React.js, Tailwind CSS, JavaScript, JSON, Figma, Git

July 2024 – January 2025

- Developed a **React.js** web application featuring blogs highlighting software engineers' success stories, resulting in over **50 views**.
- Enhanced application usability by implementing visually appealing, dynamic designs using **Tailwind CSS** and **JSON**.
- Designed and translated **Figma** prototypes into the app, ensuring a consistent **UI/UX** design, which contributed to seamless user interaction and improved retention.

### ElfMail | HTML, Tailwind CSS, JavaScript, API (EmailJS), Git

December 2024

- Developed a **JavaScript** web application for a Secret Santa generator that randomly assigns names using a custom algorithm.
- Integrated the **EmailJS API** to automatically send assigned names directly to participants via email, ideal for families in different cities.

## Professional Experience

### Algoma Steel Inc

May 2024 – August 2024

IT and Business Process Improvement Intern

Sault Ste. Marie, Ontario

- Migrated over **1,000 Aveva PI ProcessBook** screens to **PI Vision**, a modern web-based interface, achieving **95% real-time data accuracy** through meticulous validation of data and functionality
- Created a custom dashboard on **PI Vision** to link frequently used screens, making navigation easier and increasing usage by **40% among employees**.
- Enhanced system functionality by converting **VBA code** from PI ProcessBook to **PI Vision**, by incorporating custom calculations and scripts within **Aveva's Asset Framework**.

## Clubs

### Google Developers Student Club

October 2024 – Present

Digital Designer

Guelph, Ontario

- Designed social media graphics for event promotion, increasing participation in workshops and boosting attendance.
- Assisted **+100 attendees** install **Git**, **fix bugs**, and **solve various problems**, ensuring a smooth event experience.

### Guelph Entrepreneurship Society

January 2024 – September 2024

Web Designer

Guelph, Ontario

- Developed and maintained a student club website using **WordPress**, **HTML**, and **CSS**, collaborating with a team to create a functional and visually appealing platform.
- Updated the events page with accurate and timely information, **improving engagement** and attendance for events.

## Technical Skills

**Languages:** Java, C, Python, HTML/CSS, JavaScript, React.js, Next.js, Assembly, VBA, SQL.

**Developer Tools:** VS Code, Firebase, Git, Github, GitLab, Jira, Trello, Linux, Docker, APIs, UI/UX, AVEVA PI Asset Framework, PI Vision, Easy68k, Netlify, Vercel, Figma, Unity, MongoDB.

**Other Skills:** Agile Development, DevOps, Information Technology, Unit Testing (Unity), Pair Programming, Code Review, Project Management, Organization, Leadership, Problem-solving, Communication.