HIMANSHU SEERVI

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EDUCATION

University of Guelph **September 2023 – Present**

Bachelor of Computing in Software Engineering, Minor in Entrepreneurship.

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

SKILLS

Languages: Python, C, Java, HTML/CSS, JavaScript, ReactJs, NextJS, Assembly, VBA

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

PROJECTS

Product Tracker | *Next.Js, Tailwind CSS, Nodemailer, MongoDB, Git, VS Code* **December 2024 – Present**
- Developing a **Next.js** web application to monitor product prices from online stores and notify users via email when prices drop.
- Utilizing **Nodemailer** for automated email notifications to keep users informed about price changes in real-time.
- Using **MongoDB** as the database to efficiently store, manage, and track product price data for quick and reliable access.

Tech MasterMind | *Reactjs, TailwindCSS, JavaScript, JSON, Figma, Git, VS Code* **July 2024**
- Developed a **React** web application featuring blogs that highlight the success stories of software engineers.
- Used **JSON** to create dynamic React components and employed **Tailwind CSS** for responsive and visually appealing designs.
- Designed the **UI/UX** on **Figma** and implemented it within the application, enhancing user engagement and overall application usability.

ElfMail | *HTML, TailwindCSS JavaScript, API (EmailJS), Git, VS Code* **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.
- Implemented features to add, delete, and edit participant data, enhancing platform usability and flexibility.

EXPERIENCE

Google Developers Student Club | *Digital Designer* **October 2024 – Present**
- Created social media graphics for event promotion, boosting participation in HTML/JavaScript workshops.
- Assisted attendees with Git installation, debugging, and clarifying technical concepts.
- Worked with the team to ensure smooth event execution, combining technical and design skills.

Algoma Steel Inc. | *IT and Business Process Improvement Intern* **May 2024 – August 2024**
- Migrated over **1,000 Aveva PI ProcessBook** screens to PI Vision, a modern web-based interface, ensuring 100% accuracy by validating data and functionality.
- Reviewed and tested custom **VBA code** from PI ProcessBook, ensuring seamless compatibility and functionality in PI Vision.
- Increased screen views from 100 to 2,000+ by creating custom dashboards for easier navigation.

Guelph Entrepreneurship Society | *Web Designer* **January 2024 – September 2024**
- Created and maintained a user-friendly website using **WordPress, HTML**/**CSS** improving overall site usability.
- Designed and implemented visually appealing web pages, enhancing the site's appearance and user experience.
- Contributed to weekly meetings by sharing ideas and suggestions for new website features and improvements.