Imesh Nimsitha

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EDUCATION

The University of Western Ontario   Sept. 2020 - Apr. 2025
B.Sc. Specialization in Computer Science
• Received Scholarship of Distinction for admission average of over 92%
• Relevant coursework: Computer Science Fundamentals I & II, Intro to Software Engineering, Data Structures & Algorithms, Object-Oriented Design & Analysis, Databases, Computer Organization & Architecture, Operating Systems, Software Tools & Systems Programming, Calculus I, Linear Algebra

EXPERIENCE

ANVIROS Ventures Inc., *Part-time Web Developer*   Jan. 2021 - Jan. 2022
- Built a commercial website for promoting Amazon products using WordPress, resulting in 200,000+ page hits
- Developed a lead capture page for collecting newsletter subscriptions using TypeScript, Next.js (React) and Chakra UI
- Implemented API routes and serverless functions for subscription form emails, generating 25+ customer conversions
- Administered and configured a cPanel server which hosts over 10 sites, improving overall disk usage by 70%

VikingHacks Computer Club, *President*   Sept. 2019 - June 2020
- Lead weekly lessons on the fundamentals of Java, JavaScript and HTML for 25+ secondary school students
- Collaborated with club members to create a web app using the LAMP stack for listing/selling local hardware products
- In a team of 4, built a website for tracking and reducing daily gas emissions using React, Google Maps API and Tailwind
    - Won the FraserHacks 2019 hackathon which had over 125 total participants

PROJECTS

Study Tasks   Nov. 2022 - Present
- Built a responsive full stack web app using Next.js (React), SWR and Firebase to efficiently manage personal academic tasks
- Implemented user authentication with social media integration using Firebase Auth, improving user data security
- Integrated real-time data synchronization with Cloud Firestore, allowing for instant data modification without refreshing

OHIP Manager   Sept. 2022 - Dec. 2022
- Created a full stack web app using PHP, MySQL, HTML and CSS for maintaining hospital database information
- Constructed a relational database schema and wrote efficient SQL queries to perform CRUD operations
- Utilized Git as a version control tool to effectively track changes and ensure the integrity of the codebase

Crypto Trading System   Jan. 2022 - Apr. 2022
- Collaborated with a team to build a trading strategy management system using Java and the CoinGecko API
- Interacted with a REST API to track and analyze real-time cryptocurrency prices
- Implemented object-oriented design patterns and architecture with supporting UML diagrams
- Enhanced the agile development process by facilitating backlog refinement, sprint planning and group retrospectives
- Tested and debugged 10 use cases to ensure the application's robustness and quality

Minecraft Mods and Plugins   Jan. 2016 - Aug. 2020
- Developed a Minecraft mod with custom 3D item models and AI entities using Java and the Forge API
- Published 3 chat-based Minecraft server plugins to the Spigot website, gaining 300+ combined downloads

SKILLS

LANGUAGES: JavaScript, HTML/CSS, Java, Python, C/C++, PHP, SQL
FRAMEWORKS: React, Next.js, Agile/Scrum, WordPress
TOOLS: Git, GitHub, Jira, UML, Visual Studio Code, PyCharm, IntelliJ, UNIX/Linux, cPanel, Adobe Creative Cloud
PERSONAL: Leadership, Collaboration, Problem Solving, Creativity, Detail-oriented, Communication