MOHAMMAD SAMIN

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Technical Skills

- Languages: Python, HTML, CSS, JavaScript, C
- Frameworks/tools: Node.js, VS Code, PyCharm, Figma, Canva
- Other: CompTIA+, Git/GitHub, Windows troubleshooting, Device Setup, printing systems

Experience

OI Labs (Ohminsights Labs)   June 2025 – Aug 2025
Front-end Web Developer   *Remote*

- Contributed to the front-end development of a web application project, and improved UI functionality and user engagement.
- Collaborated with a team of tech professionals to successfully launch the mobile application "Carely".
- Conducted comprehensive iOS app testing through TestFlight to improve quality and smooth user experience.

London Public Library   Jan 2025 – Aug 2025
Tech Tutor (Volunteer)   *London, ON*

- Solved the issues faced by students with digital hardware and Windows installation.
- Assisted patrons with digital literacy, MS Office, printing issues, and email troubleshooting.
- Helped newcomers gain comfort with using digital resources and secure communication tools.

Junior Achievement Southwestern Ontario   Oct 2024 – April 2025
Company Program Mentor   *London, ON*

- Mentored high school students in creating and running their own businesses under Junior Achievement.
- Taught them basic tech usage and digital tools for marketing and productivity.
- Instructed about Shopify and helped in creating their initial company website.

Projects

Python Coffee Machine | *Python, OOP, CLI, PyCharm*

- Developed a command-line-based coffee machine simulator that handles resources, menu selection, and payment logic.
- Implemented functions for inventory management, refilling, and error handling.
- Used object-oriented programming principles for a clean and modular structure.

ARSPHR Organization Website | *HTML, CSS, JavaScript, REST APIs, jQuery, Figma, Canva*

- Designed and deployed an informative website for a refugee-based non-profit organization.
- Integrated interactive Google Maps with dynamic location tagging for regional data.
- Highlighted data collection of refugees and donation features to support humanitarian outreach.

Celebrity Guess Game with Instagram Follower | *Python, APIs, Game Logic, PyCharm*

- Built a terminal-based game comparing the followers count of famous celebrities using Instagram data.
- Integrated randomized selections and a dynamic scoring system to maintain game flow.
- Practiced API data handling, logic building, and user input validation.

Bistro Website | *HTML, CSS, JavaScript, REST APIs, jQuery, Canva*

- Built a responsive website for a local restaurant, which beautifully showcases the menu, reviews, and contact features.
- Integrated Google Maps API for location display and used jQuery for direct manipulation of the Document Object Model.

Education

University of Waterloo   Sep 2025 – April 2030
Bachelor of Computer Science, Honours, Co-op   Waterloo, Ontario, Canada