

TAHA ASIM

Hamilton, On

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SKILLS:

- **Frontend Development:** HTML, CSS, Bootstrap, React, jQuery, JavaScript, TypeScript
- **Backend Development:** Java, Python, NodeJS, SQL, C,
- **Tools & Platforms:** GitHub, Eclipse, Replit, Visual Studio Code, SharePoint, Linux, Postman, MongoDB, PowerBI
- **Collaboration & Reporting:** MS Excel, PowerPoint, Access, Word, Visio, JIRA (familiar) Agile Methodologies
- **Quality Assurance & Testing:** Bug tracking Postman, Blackbox testing, Whitebox testing

RELEVANT EXPERIENCES:

Computer Science Intern – Toronto Hydro

Jan 2023 – Dec 2023

- Reduced time to update and find project management documentation by 15% by designing and building a centralized SharePoint-based information hub for project managers.
- Enhanced software reliability and reduced post-deployment issues by 30% through rigorous end to end testing using the Software Testing Life Cycle (STLC) method.
- Created and automated performance reports in SAP and Excel to support field operations teams.

Advanced Coding Instructor – hEr Volution

Jul 2022 – Aug 2022

- Elevated student engagement and learning outcomes by delivering interactive lessons in JavaScript, HTML, Bootstrap and React.
- Collaborated with learners to simulate real-world debugging and testing scenarios, fostering hands-on experience.
- Increased students coding proficiency by approximately 20% by delivering timely, personalized feedback on their technical projects.

PROJECTS:

Field Crew Equipment Report Usage

- Consolidated multiple months of equipment usage data into a single Excel dashboard using advanced formulas and company tools, streamlining reporting and supporting data-driven field planning.

YUNeedMoney (Finance Management App)

- Built a full-stack JavaScript finance app using APIs like Plaid and OpenAI to help users manage spending, budgets, and transactions. Implemented secure user authentication with JWT and visualized financial data in real time. Integrated personalized insights through API and stored user data in MongoDB database.

Full-Stack Electric Car E-Commerce Platform

- Built a fully functional web app using React, Node.js, Express and MongoDB, with catalog filtering, loan calculator, checkout and chatbot support. Prioritized user experience and system reliability through iterative testing and refinement.

Customer Personality Segmentation

- Performed customer segmentation using K-Means clustering to identify behavioral patterns across income, spending, and engagement. Used Elbow Method and Silhouette Score to optimize clusters, and visualized results with boxplots, barplots and pairplots etc. Delivered data-driven recommendations to support targeted marketing and improve campaign effectiveness.

EDUCATION:

Honors in Bachelor of Science, Computer Science – York university

Sep 2020 - Apr 2025

Certification in AI and Machine Learning – Massachusetts Institute of Technology IDSS

Expected May 2025 – Aug 2025