

Shams Haroon

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EDUCATION

Ontario Tech University

Bachelor of Science in Computer Science | 4.24/4.3 GPA

Expected Graduation - May 2027

Oshawa, ON

EXPERIENCE

Full Stack Software Engineer

Feb 2024 – Present

Trash Tech

Oshawa, ON

- Managed and coordinated the development of software projects at Trash Tech, ensuring adherence to timelines and budgets increasing production by **80%**.
- Led a team of **4+** developers in the creation of innovative software solutions for waste management using Azure.
- Pitched to Professionals at Microsoft and got constructive criticism producing **30%** more results.
- Used Technologies such as React, Django, NextJS to produce Full Stack Web Application with the intent of using in **20+** public sectors.

Software Engineer Fellow

July 2024 – Sept 2024

Headstarter AI

Long Island City, NY

- Collaborated with a team of **3+** engineers to design, develop, and deploy **5** innovative applications.
- Engaged in hands-on coding, debugging, and problem-solving, resolving **100+** software issues to deliver high-quality solutions.
- Participated in **20+** mentorship sessions with seasoned professionals, gaining valuable insights and knowledge from industry experts.
- Contributed to the development of **5** impactful applications, showcasing talent and dedication through **500+** hours of project work.

Cloud & Application Developer

July 2024 - Present

Pamoja Institute

Remote

- Collaborated with a team of developers to conceptualize, design, and launch responsive mobile applications
- Optimization of Cloud Infrastructure on Azure improving cost efficiency by **20%**.
- Android Application Testing increasing UX by **30%**.
- Resolved **10+** issues through meticulous debugging and testing, ensuring seamless app performance.

PROJECTS

Trash Tech | Azure, GitHub, Computer Vision, Django, React, ThreeJS, ChakraUI

Feb 2024 – Present

- Developed "Trash Tech," utilizing computer vision and Microsoft Azure achieving a **92%** accuracy rate.
- Trained the model using Azure Custom Vision API with a dataset of over **5000+** photos.
- Utilized the model to classify objects in real-time, improving waste management processes by **30%**.
- Managed extensive testing and optimization, resulting in a **15%** enhancement in the model's performance and accuracy.

Verbal Voyage | Flask, React, Tailwind CSS, LibreTranslateAPI, gTTS, Python

June 2024 – July 2024

- Developed "Verbal Voyage," a full-stack web application enabling translation and text-to-speech conversion.
- Regulated text translation between **50+** languages using LibreTranslateAPI.
- Conducted extensive testing and optimization, achieving a **95%** success rate in translation and speech conversion tasks.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, SQL

Relevant Coursework: Computational Science, Data Structures, Programming Workshop I & II

Frameworks: React, Django, Flask, ThreeJS, Framer Motion, Next.js

Developer Tools: Github, Docker, Azure, Postman, Figma, Slack, AWS, VS Code, Visual Studio

Skills: Organizational, Teamwork, Communication, Problem-Solving, Leadership