

WAJEEH ALAM

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📍 Toronto, Ontario

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, HTML/CSS, C, Lua
Frameworks: React.js, Node.js, Express, Tailwind CSS, React Native
Tools: Git/GitHub, Jira, Figma, Firebase, Postman, Stripe API
Concepts: Agile/Scrum, REST APIs, CI/CD, Object-Oriented Design
Soft Skills: Collaboration, Public Speaking, Problem-Solving, Mentorship

EXPERIENCE

- **Web Developer Intern** May 2024 – Jan. 2025
Futura Sourcings Toronto, Ontario
 - Built interactive React.js prototypes, collecting user feedback for iterative UI/UX enhancements, increasing engagement by 40%.
 - Optimized web app performance, reducing load times by 30% using profiling tools and frontend optimizations.
- **Software Engineering Fellow** July 2024 – Sept. 2024
Headstarter.AI New York, NY
 - Designed and built 5 full-stack applications, including an AI-powered chatbot, presented to industry leaders from Amazon/Capital One.
 - Implemented agile workflows, managing sprints, Jira tasks, and GitHub version control to deliver an MVP in 3 iterations.
- **Machine Learning Intern** Jun. 2024 – Sept. 2024
STEM-Away Santa Clara, California
 - Developed ML pipeline for protein interaction prediction, cutting training time by 25% through automated preprocessing.
 - Worked with an agile team to design an API for ML model deployment, documenting processes for technical stakeholders.

PERSONAL PROJECTS & INTERESTS

- **StudyQuest iOS App (Founder)** Developed a gamified learning app with an XP and leaderboard system, refining UI/UX through A/B testing. Built with **React Native, Expo, and Firebase**; implemented authentication, real-time progress tracking, and a study analytics dashboard.
- **The EcoAuditor** Engineered an IoT-based carbon emissions tracker using an **ESP32 microcontroller and MPU6050 sensor**. Designed a **Node.js backend** for real-time data processing and built the frontend with HTML/CSS/JavaScript to visualize emissions and fuel consumption.
- **NumNudge** Created a full-stack tutoring platform with **Next.js and Firebase**, offering **Python and math tutoring**. Integrated user authentication, email notifications, **SEO optimization**, and a mentor directory for personalized learning experiences.
- **Carta A.I** Built an AI-powered flashcard SaaS that generates quizzes from PDFs using **OpenAI**. Developed with **Next.js, Clerk, Firebase, and Stripe**, featuring user authentication, content chunking, quiz automation, and a premium subscription model.

EDUCATION

- **Sir Wilfrid Laurier Collegiate Institute** Sept. 2022 – June 2026
Ontario Secondary School Diploma (International Baccalaureate Diploma) Toronto, Ontario