DANIYAL AHMAD

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SUMMARY

Computer Science student at Toronto Metropolitan University with hands-on experience building full-stack applications, AI-powered tools, and user-facing software. Strong foundation in data structures, software engineering principles, and system design, with demonstrated ability to ship end-to-end projects using modern frameworks.

TECHNICAL SKILLS

- **Programming & Markup:** Python, Java, JavaScript, C/C++, HTML, CSS, Bash
- **Web, UI & Systems:** React, Node.js, REST APIs, UX/UI Design Principles, Responsive Design, Client–Server Architecture
- **Machine Learning & Data:** Supervised Learning, Computer Vision, Model Evaluation (F1, Precision, Recall), NumPy, Pandas, Matplotlib
- **Tools & Platforms:** Git/GitHub, Linux, Shopify (Liquid), VS Code

PROJECTS

Machine Learning & Computer Vision Project | Python
- End-to-end pipeline (ingestion →features →training →evaluation) automated via CLI/config.
- Tuned SVM and Random Forest with cross-validated grid search;˜94% macro-F1 on held-out test set.
- Reproducible plots/reports using NumPy, Pandas, Matplotlib

AI Resume Analyzer — Full Stack | Node.js, React, Groq API
- Designed and developed a full-stack web application that analyzes resumes and generates structured feedback across multiple scoring dimensions.
- Built a Node.js backend to process file uploads and perform text analysis using Llama 3 via Groq API, handling asynchronous requests and error states.
- Implemented a responsive React frontend providing real-time feedback, improving usability and clarity for end users.
- Architected the application using RESTful design principles, enabling modular scaling and future feature expansion.

Web & UX/UI Contributor — Azlyf Co. | UX/UI Design
- Contributed to UX/UI design and development of a Shopify e-commerce site, customizing themes with HTML/CSS/Liquid and organizing 10+ products using UX-driven navigation structures.

Fitness GPT — AI-Powered Workout Planner | React, Node.js
- Built an AI-powered workout planner using React and Node.js, processing 5+ user inputs to generate structured plans via an OpenAI-compatible API with responsive UI and PDF export.

EXPERIENCE

Operations Director | IEEE Computer Society (CSTMC)   *January 2024 - November 2025*
- Coordinated operations and logistics for multiple technical workshops, panels, and industry events, collaborating with the executive team to support programming, promotion, and on-site execution.

First-Year Representative | Computer Science Course Union (CSCU)   *October 2024 - September 2025*
- Represented first-year CS students, supporting academic and career events and communicating program feedback to course union stakeholders.

Event Coordinator | IEEE TMU Computer Science Branch   *December 2024 - October 2025*
- Coordinated student-focused technical and networking events for the IEEE TMU CS Branch, supporting engagement and awareness of computer science resources.

EDUCATION

BSc — Computer Science | Toronto Metropolitan University   *September 2024 - Expected 2028*
Achievements: Dean's List (2024-2025), GPA: 3.5