

Zain Ahmed

Computer Science Student • Full-Stack Developer

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Computer Science student building full-stack web applications, simulation systems, and a civic data platform used for real-world record keeping. Combines solid programming fundamentals with proven self-direction: four software projects independently designed, built, and shipped end to end.



EDUCATION

- Bachelor of Science in Computer Science** 2025 – 2027
Langara College, Vancouver, Canada
 - Coursework: web development, programming concepts, data structures, and problem solving.
- Diploma in Computer Science** 2022 – 2024
Middlesex University, Sri Lanka
 - Coursework: programming, project management, and professional communication.



PROJECTS



Village Records App | Civic data platform **Tech:** React • TypeScript • Tailwind CSS • PostgreSQL

Built a records system that collects and organizes resident data across villages in the Kandy district, replacing paper-based record keeping for local administrators. Designed the data model and entry workflows to support multi-village record collection.



Galactico11 | Football draft simulation system **Tech:** Astro • Svelte • TypeScript • Supabase

Developed a draft engine that lets users build squads from a player pool and simulate outcomes, handling draft logic, team validation, and results generation.



The Front Office | Basketball GM simulator **Tech:** Rust • Svelte • TypeScript • SQLite

Implemented roster management, trade logic, and season simulation, modeling multi-constraint decisions such as salary cap and roster limits.



Cadence | Screenwriting platform **Tech:** SvelteKit • TypeScript • PostgreSQL • Tailwind CSS

Built a writing platform with industry-standard screenplay formatting, structured documents, and an editor tailored to script workflows.



TECHNICAL SKILLS

Languages	TypeScript, JavaScript, HTML, CSS
Frontend	React, Svelte, SvelteKit, Astro, Tailwind CSS
Backend	Node.js
Databases	PostgreSQL, SQLite, Supabase
Tools & Others	Git, REST APIs, JSON, VS Code



EXPERIENCE

- Content Creator & Video Editor** | Popsicle The Geek (YouTube / Maqwell) Sep 2025 – Present
 - Produce and edit technology-focused video content; grew a channel to 500+ subscribers with a top video reaching 10K+ views, using analytics to iterate on retention.
- Sales Roles** | Kid Sport, Vancouver / Abdeen Tailors, Sri Lanka 2021 – 2025
 - Customer-facing sales and operations in high-traffic environments; developed the communication skills used in client-facing and collaborative work.