

EDUCATION

Degree	Institute	Year of Completion
Intermediate	Ahlcon Public School	2025
Matriculation	Somerville School	2023

PROJECTS

- Floww

Typescript, Solid Start, Prisma

October 2024 - Present

GitHub

– Building YouTube Studio access management solution using SolidStart and Prisma to solve security risks.

– Implementing granular role-based access control system for content creators to safely delegate specific tasks.

– Developing automated approval workflow system enabling efficient team collaboration across time zones.

– Creating secure multi-user dashboard for content management with controlled channel access permissions.
- Pixie

Rust, Typescript, NextJS

September 2024

GitHub

– Built a barebones Next.js image editor with custom Rust/WebAssembly processing.

– Developed core image manipulation features including zoom, crop, rotate, and file handling systems.

– Created 10+ image filters including blur, sharpen, and color adjustments using pure Rust implementation.
- Holmes

Golang, Templ, Echo

August 2024 - October 2024

GitHub

– Built high-performance hunt platform using Go/Echo and SQLite, handling 100k+ requests with zero downtime.

– Implemented secure admin dashboard with CSRF protection and multimedia content management.

– Engineered real-time leaderboard and rate limiting system with minimalist sleek interface.
- Biotrack

Golang, Templ, Echo

August 2024

GitHub

– Developed Go/Echo health tracking application with intuitive calendar-based vital logging interface.

– Integrated Charts.js for data visualization and Gemini LLM for personalized health insights.

– Built efficient data management system for storing and analyzing timestamped health metrics.
- Lovbyte

Typescript, Remix, Prisma

February 2024 - March 2024

GitHub

– Built full-stack dating platform using Remix.js and Prisma with real-time matching system.

– Implemented customizable developer profiles with tech stacks and project showcase features.

– Developed user discovery and private chat system activated upon mutual matches.

TECHNICAL SKILLS

- Programming Languages:

HTML, CSS, SASS, Javascript, Typescript, Rust, Python, Lua, Golang, C, Bash
- Tools:

Git, Github, Neovim, Visual Studio Code, Docker, Vercel, Fly.io, Figma
- Frameworks:

Remix, NextJS, Solid Start, SvelteKit, Echo, Axum, Rocket, NodeJS, Astro, Express
- Databases And ORMS:

Firebase, MongoDB, SQLite, MySQL, Postgres, Drizzle, Prisma, Diesel
- Libraries:

React, Flask, SolidJS, WASM, TailwindCSS, shadcn/ui, Discord.js, Discord.py, Serenity
- Operating Systems:

Windows, Ubuntu, Arch Linux, Fedora, NixOS

EXTRA CURRICULARS

- Silico Battles | School Computer Club:

Spearheaded 14 high-impact tech events as Head of Operations, architecting a Go-powered cryptic hunt platform and club website that drove 400+ student engagements and digital transformation initiatives.
- Tennis Zonals | Under 16:

Was part of the official school team which competed in the Tennis Zonal Level Competition in which our school came third.
- Piano Certification From Trinity College London | Grade 5:

Graduated Grade 5 with a score of merit.