Ayaan Sulman

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Education

- **British Grammar School** — Matriculation (2017-2019)
- **Forman Christian College** — Intermediate(FSc) (2019-2021)
- **Forman Christian College, University** — Bachelor's in Computer Science (2021-2025)

Experience

- **Exputer** — Gaming Content Writer (2023 - 2024)
  - Developed high-quality game guides, demonstrating strong writing skills and a deep understanding of the gaming industry.
  - Managed website content, contributing to improved user engagement and search engine rankings.
  - Oversaw the maintenance and security of the website's forums, ensuring a safe and positive community experience.

- **Clicksotic** — Lead Front End Developer (2024 - present)
  - Led front-end development efforts, including hands-on coding and mentorship of team members.
  - Developed expertise in integrating AI features and payment gateways (Stripe), enhancing the functionality of web applications.
  - Contributed to the successful delivery of multiple web applications including a learning management system for Caroline School of Law and an e-commerce platform DripSaint.

Projects

- **ObscuraNet** — A decentralized, privacy-focused messaging protocol using ChaCha20-Poly1305 encryption, onion routing, and Proof-of-Work-based Sybil resistance. Designed to enable metadata-hardened, censorship-resistant peer-to-peer communication without centralized servers. Features adaptive routing strategies and dummy traffic obfuscation for enhanced anonymity.

- **Drip Saint** — An e-commerce platform featuring AI-driven design capabilities. Integrated Midjourney to enable users to generate AI images for custom T-shirts and hoodies.

- **Mood Flicks** — An AI-powered movie recommendation system analyzes user text input using NLP and Meta's Llama 3 to determine their mood and suggest relevant films.

- **Decentralized Learning Platform** — A decentralized learning platform (DApp) on the Ethereum blockchain. Implemented Solidity smart contracts for course management and integrated a React front-end for user interaction. Users can buy and add courses using Ethereum.

- **Learning Management System** — A web-based Learning Management System (LMS) using React and Django, enabling law students to access course materials.

- **Car Rental Management System** — A Mobile app using Unity, enabling users to select vehicles, specify rental duration, calculate estimated rates, and generate receipts upon order confirmation.

- **Flappy Bird** — A "Flappy Bird" clone for Android using Unity, featuring core gameplay, scoring, and collision detection.

Skills

- **Programming:**
  - Python, Java, C/C#
  - JavaScript, Solidity, HTML, CSS

- **Competencies:**
  - Microsoft Office, GitHub, VS Code, Unity
  - Thorough Research, Problem Solving

Awards

- Nominated for the best project award FCCU COMSPEX. - 2025

- First Position in the FCCU Google Developer Student Club Programming Competition. - 2023

Leadership Experience

- Lead Registration Team for Omnilife VR/AR Society. — 2022

- Co-Lead Registration Team for Ignite FCCU. — 2023

Certifications

- Certificate of appreciation for volunteer work at Comic-Con. — 2021, 2022

- Certificate of appreciation for registration work for Hackathon. — 2022

- Certificate of appreciation for registration work as lead for Omni Life VR/AR Society. — 2023

- Certificate of appreciation for registration work as co-lead for Ignite FCCU. — 2024

Languages

- Urdu, English