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AAQIL YOUSUF

EDUCATION

Chennai, India **Easwari Engineering College**

- B.Tech in Information Technology, Nov 2022 - Present. In-major GPA: 8.23
- Clubs: GDSC, TechSavy
- Relevant Coursework: Computer Organization & Programming, Objects and Design, Data Structures and Algorithms

Thiruvarur, India **Government Higher Secondary School**

- Higher Secondary Certificate, 2020 – 2022. Percentage: 85%.

Thiruvarur, India **Kasturba Gandhi High School**

- Secondary School Leaving Certificate. Percentage: 91%.

TECHNICAL EXPERIENCE

Full-Stack Developer Intern

Altruist, Chennai

November 2024 – February 2025

- Developed and maintained a group video call feature using Django, React.js, and WebRTC.
- Collaborated with coworkers to debug code and improve application performance.
- Utilized Git and GitHub for version control and efficient team collaboration.

Software Engineering Fellow

Headstarter AI

July 2024 – September 2024

- Gained hands-on knowledge of building AI apps and APIs using Next.js, OpenAI, Pinecone, and Stripe API.
- Collaborated on projects from design to deployment, guiding 4+ engineering fellows using MVC design patterns.

Languages and Technologies

- C; C++; Java; Python; JavaScript;
- HTML; CSS; Bootstrap; Tailwind; React.js; Nodes.js; Express.js; MongoDB; NextJs; Django;
- Visual Studio; Firebase; Git; GitHub; Wix

Projects

1. Medical Emergency QR System - CodeSapiens Summer of Code
   - Participated in a 3-hour hackathon.
   - Developed a system using React, Node.js, MongoDB, and Express for quick access to medical information via QR codes.
2. Peer-to-Peer Video Chat App
   - Built using React, Node.js, Socket.IO, and WebRTC.
   - Implemented real-time communication features with high-quality video and audio transmission.
3. DALL-E AI Image Generation App
   - Developed an AI image generation app using the MERN stack, Tailwind CSS and OpenAI API.
   - Integrated DALL-E API for generating images from text descriptions.

Languages

Tamil - Native speaker

English – Intermediate