AL AMEEN S

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SUMMARY

Computer Science student passionate about creative and technical problem-solving. Skilled in building interactive 3D experiences using Three.js and Unreal Engine, with hands-on experience in full-stack web development using JavaScript, Supabase, and Python. Strong understanding of SDLC fundamentals and eager to apply my skills to innovative real-world applications.

EDUCATION

MERN Stack Development Course (6 Months) — July – Present
EDURE Learning Platform — *Full-Stack Web Development Training*

B.Tech in Computer Science and Engineering — 2021 – 2025
University College of Engineering, Kariavattom — *SGPA: 7.5 / 10.0*

SKILLS

Languages: JavaScript, C

Frontend: HTML5, CSS3, Bootstrap, React

Backend / DB: Supabase (PostgreSQL)

3D / Game Dev: Three.js, Unreal Engine, Blender, GLTF/GLB

Tools: Git, VS Code

Core Knowledge: SDLC, OOP

PROJECTS

CropZo – Farmer-Consumer Platform | *HTML, CSS, JavaScript* (Ongoing)
- Developed a responsive web platform connecting farmers directly with consumers to promote fair and transparent trade, resulting in higher revenue for farmers and better-quality products for consumers.
- Designed and implemented farmer dashboards with inventory, order, and profile management using JavaScript and local storage.
- Built dedicated interfaces for farmers, customers, and admins, focusing on intuitive design, user experience, and scalability.

Interactive 3D Campus Map | *Three.js, Supabase, A* Pathfinding, GLTF/GLB, GPS API*
- Developed an interactive 3D campus map using **Three.js** and **Supabase** for real-time rendering and building data management.
- Integrated GPS tracking and A* pathfinding for smooth user navigation between campus buildings.

YouTube Summarization into Regional Languages | *Python, Streamlit, Generative AI*
- Built a multilingual YouTube video summarization tool using **Generative AI** for concise, regional content summaries.
- Developed an interactive **Streamlit** web app for generating summaries and improving accessibility for diverse users.

CERTIFICATIONS

Data Structures & Algorithms (DSA) + LeetCode Exercises | Scott Barrett | *Ongoing*

Responsive Web Design Certification | freeCodeCamp | 2023

ACHIEVEMENTS

Group Leader, National Service Scheme (NSS) && National Cadet Corps (NCC)

R&D Executive Member, IEEE EXECOM