ABHIJITH A S

PANAYIL VEEDU NBRA F27 PATTOM-695004

abhijithas998@gmail.com ◇https://www.linkedin.com/in/abhijith-a-s-2485a7266/◇

+917306744127

PROFILE SUMMARY

B.Tech Computer Science and engineering graduate with hands-on experience in web technologies, 3D visualization Blender, Three.js and backend systems like Supabase. Skilled in SDLC, OOPs, and API integration.

EDUCATION

B.Tech Computer Science and Engineering, University of Kerala   Expected 2025

Higher Secondary Education (Computer Science) , St. Mary's HSS, Pattom   2019 - 2021

CORE SKILLS

Programming & Development

- C, Python, HTML, CSS, JavaScript, SQL

- Basic understanding of SDLC and object-oriented programming (OOP).

- Worked with three.js in academic projects.

Databases & Platforms

- MySQL, beginner-level exposure to Oracle.

- Familiar with modular application structure and cloud-based solutions.

Tools & Technologies

- Git, Visual Studio Code, Jupyter Notebook

Other Skills

- Adaptable and willing to learn.

- Able to work with teams and meet deadlines.

PROJECTS

A Smart Campus Navigation System Using 3D Visualization
(Tools Used: Blender, Three.js, JavaScript, HTML, CSS, A* Algorithm, Supabase, WebGL)

- Modeled 3D view of campus using Blender and encompasses the preparation and structuring of underlying campus data to represent it as a graph for pathfinding.

- Deployed frontend using HTML, CSS and JavaScript and rendered 3d model using Three.js library

- Backend Integration using Supabase, with Pathfinding Logic implemented using A* pathfinding algorithm

YouTube Video and Text Summarizer
(Tools Used: Python, Streamlit, YouTube Transcript API, Google translation API, dotenv, Conda)

- Developed a web-based tool that summarizes YouTube videos and user-input text.

- Integrated backend logic using Python, with a frontend built using Streamlit, HTML, CSS, and JavaScript.

- Improved content processing efficiency and reduced video consumption time for users.

LEADERSHIP & ACHIEVEMENTS

- **Project Lead**:- Directed the development of Smart Campus Navigation System Using 3D Visualization and YouTube Video Summarizer.

- **Management experience**:- Served as the Camp Secretary of NSS and successfully managed a seven-day residential camp

DECLARATION

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge.

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