Alan Saji

+91-8078255829
asaji6792@gmail.com

Registration No.: 21BCG10140

Bachelor of Technology

GitHub Profile

Vellore Institute of Technology, Bhopal

LinkedIn Profile

Portfolio

Education

- **Bachelor of Technology in Computer Science and Engineering (Gaming Technology)** 2021-25
  Vellore Institute of Technology, Bhopal CGPA: 8.13

Personal Projects

- **NFT Marketplace** Apr 2024 - May 2024

  Designed a website on blockchain to buy, sell, and mint NFTs.

  - Implemented secure, decentralized smart contracts and integrated with ICP for scalable and efficient transactions.
  - Utilized React.js for the frontend and Motoko for the backend, ensuring a responsive and user-friendly interface.
  - Technology Used: HTML, CSS, JavaScript, React, Motoko, Internet Computer Protocol (ICP), Blockchain.

- **Real-time Chat App** May 2024

  Developed a real time chat app to ensure bi-directional communication between client and server.

  - Facilitating users to send messages, voice clips, and media like images and videos with 90% latency reduction thantraditional HTTP polling.
  - Achieved response times of approximately 20-50 milliseconds for real-time message delivery using Socket.io.
  - Technology Used: HTML, CSS, JavaScript, Socket.io.

- **Facial Beauty Prediction Website** May 2024 - Jun 2024

  Implemented a facial beauty prediction website using CNN (Alex Net Architecture).

  - Utilizing pretrained PyTorch model trained on the SCUT-FBP5500 dataset.
  - Using Flask to serve the model API.
  - Correlation: 0.8721 MAE: 0.2724 RMSE: 0.3552
  - Technology Used: Flask, HTML, CSS, JavaScript, PyTorch, Python3.

Experience

- **Full Stack Development Internship** June - July 2024

  Unified Mentor Online
  - Completed a 2-month internship as a web developer at Unified Mentor Pvt. Ltd., Gurugram, Haryana, India.
  - Worked on 2 basic projects and 1 advanced project.
  - **Web-based Music Player:** Aesthetic music player responsive on all devices, utilizing Firebase blog storage and Fire-store database to fetch songs.
  - **Expense Tracker:** Developed a full stack expense tracker to achieve your financial goals, made with next.js for efficient routing, using drizzle ORM for querying the Postgres database.
  - **Supermall Management System:** Created a functional super mall management system to manage shops, their categories, products and offers, implemented admin mode and user mode. Made using React and Firebase.
  - **Skills utilized:** HTML, CSS, JavaScript, Node, React, Next.js, Firebase

Technical Skills and Interests

Languages: Java, Python, JavaScript, HTML+CSS.
Libraries: React.js, Vue.js, Python GUI libraries.
Web Dev Tools: Nodejs, VSCode, Git, GitHub.
Frameworks: Django, Selenium web framework
Cloud/Databases: MongoDB, Firebase, Relational Database (PostgreSQL).
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, DatabaseManagement System, Software Engineering.

Position of Responsibility

- **Decoration head for Cultural Event** Onam Celebrations August 2021
  - Helped to attract close to 300 attendees to the event.
  - Collected over Rs. 10,000 for decoration items.

Extracurricular

- **LeetCode** Rank: 1,141,703
- **GeekForGeeks** Institute Rank: 697