Aashay Negi

aashay4you@gmail.com | **+91-7017555694| Google cloud skill | GitHub**

Education

Vellore Institute of Technology, Vellore   **2022 -**
B.Tech in Computer Science and Engineering | CGPA: **8.32**   **present**

Beverly Hills Sr. Sec. School, Dehradun   **2021**
XII (CBSE) | **86.7%**

St. Mary Sr. Sec. School, Vikasnagar   **2019**
X (CBSE) | **96.7%**

Skills

- C++ | C | Java | Python | HTML | CSS | JavaScript | React.js | jQuery

- Machine Learning |Jupyter notebook| Tensorflow |
- Flutter| Dart | App Development | Git | Data structures and Algorithm
- AWS services- Amplify ,DynamoDB ,Lambda , Cognito , Aurora
- SQL

Projects

Quiz App
Developed a quiz app to showcase flutter skills
- Technologies Used: Material3 design, Flutter.
- Developed a fully functional quiz application with an intuitive, user-friendly interface to showcase Flutter skills. Implemented dynamic question generation, scoring system, and personalized user feedback to enhance engagement.
- Focused on optimizing app performance, achieving quick load times, and smooth transitions.

Chat App

Developed a chat app using flutter and firebase.

- Created a real-time chat application using Flutter for frontend and Firebase for backend services, allowing users to send and receive messages instantly. Ensured compatibility and optimized the application for performance.
- implemented efficient data syncing and optimized real-time database usage in Firebase to reduce latency and improve app performance.

Smart and Green City Project

Designed and built using Machine learning .

- Technologies Used: Machine Learning, Frontend development : Javascript, CSS .
- Designed a solution to monitor and analyze CO_2 emissions from vehicles and Air Quality Index (AQI) of cities based on historical data, employing machine learning models to predict environmental trends.

Timetable Management System

- Developed a web application to display and manage user timetables. The system allows users to view their schedules in an easy-to-read format and offers personalized options to organize and visualize their timetable.
- **Technologies Used:**
  - Frontend: ReactJS, JavaScript, CSS
  - Backend: Amazon Amplify, AWS Lambda
  - Authentication & Security: Amazon Cognito (email verification, OTP for secure access)
- **Key Features:**
  - **User Authentication and Security:** Utilized Amazon Cognito to handle user sign-up, email verification, and OTP-based authentication to ensure secure access.
  - **Dynamic Timetable Generation:** Built a flexible, user-friendly timetable using ReactJS and JavaScript, allowing users to add, edit, and view their schedules with ease.
  - **Serverless Architecture:** Leveraged AWS Lambda functions to handle backend logic, ensuring scalability and high availability.
  - **Hosting and Deployment:** • Deployed the application on Amazon Amplify, achieving a seamless integration that facilitated real-time updates and improved user accessibility; increased application uptime to 99.9% with minimal latency issues.

Experience:

Finalist - CSI Hackathon, Chandigarh University

16 September 2024
- Selected as one of the top 10 teams from over 650 teams across India in a national-level hackathon organized by the Computer Society of India (CSI) at Chandigarh University.

Professional summary:

Talented skilled at completing daily assignments and contributing to team success. Always willing to take on any task. Adapts quickly to new needs and policies. Detail-oriented and adaptable with hands-on experience in web and mobile development, cloud services, and machine learning. Proven ability to design, develop, and deploy full-stack applications using AWS, ReactJS, and JavaScript, with a strong foundation in data structures and algorithms. Selected as a finalist in a national hackathon, showcasing problem-solving skills and teamwork. Eager to bring a proactive approach to a fast-paced internship, quickly adapting to new challenges while delivering high-quality, innovative solutions.