AISHANI SINGH

+91 9321677477 | aishanis1234@gmail.com | github.com/aishan1singh

EDUCATION

Sardar Patel Institute of Technology   **Graduating in May 2027**
                                                                                            Mumbai, IN
- B.Tech, Computer Engineering
- GPA : 8.3 (till 3rd Semester)
- Minor in UI/UX Design Programme by Pearl Academy

PROJECTS

Flood Risk Prediction Model (Machine Learning Mini-Project)   **November, 2024**
Python, Machine Learning
- Designed an ML model leveraging machine learning and real-time weather data to predict flood risks.
- Dealt with cleaning and processing of historical flood data, meteorological data, and elevation data to enhance model accuracy
- Implemented various ML models like random forest, regression, neural networks, etc. to get an accuracy of up to 95%.
- Deployed the model using Google Colab for testing and analysis, ensuring accessibility and ease of use

Napflix - A Streaming Platform (DBMS Mini-Project)   **December, 2024**
Python, SQL, Javascript
- Designed and optimized a SQL database for efficient content storage, user authentication, and streaming history.
- Implemented a login system incorporating hashed password storage to protect user credentials from security threats like SQL injection
- Optimized database queries and server responses for efficient data retrieval and seamless streaming.
- Developed an interactive front-end with JavaScript and a secure back-end using Python and SQL.

SheFunds - A Financial Literacy Platform for Women (Front-end Project)   **March, 2025**
Javascript
Won best solution for problem statement in BBB-Frontend Hackathon at SPIT

- Developed a responsive front-end using React.js and Tailwind CSS, ensuring a seamless user experience across devices.
- Designed interactive UI components to present core features like financial learning modules, financial calculators, community posts, literacy courses, etc.
- Focused on user-centric design to empower women with easy access to financial resources, tools, and mentorship programs.
- Optimized for accessibility and performance, ensuring the website loads quickly and is usable by all audiences.

SKILLS

Programming Languages	C, C++, Java, Python, SQL, HTML, CSS, Javascript
Web Design Tools	Bootstrap, Figma, Canva, Blender, Sculptris
Databases	MySQL, MongoDB
Developer Tools	Visual Studio Code, Colab, Git

ACHIEVEMENTS

Won best solution for problem statement for the SheFunds project mentioned above at the Blossom Bubbles and Bytes Hackathon held at S.P.I.T. College   **March,2025**

VOLUNTEERING WORK

Mentoring of school children at Abhyudaya SPJIMR   **January, 2025 - Present**

Former sub-committee member at Rotaract Club of SPIT   **September, 2023 - August, 2024**
Handled social media page, marketing deals, volunteering for social work