AVANESH JOSHI
Software Engineer

Indore, Madhya Pradesh – 452009 | avaneshj2408@gmail.com | +91 9316022046

SKILLS

Programming Languages: Python, C++, JavaScript
Web Technologies: HTML, CSS, React.js
Database & Backend: Firebase, Node.js, MongoDB
Other Skills: Data Structures & Algorithms, Problem-Solving, Git/GitHub

PROJECTS

MENTAL HEALTH APP

REACT NATIVE, FIREBASE

- Developed a mobile application to support mental well-being, integrating mood tracking, journaling, and guided self-help resources.
- Implemented Firebase for user authentication, real-time database, and cloud storage to ensure a seamless and secure experience.
- Designed an intuitive UI with React Native to enhance user engagement and accessibility.

STREET SAFETY APP (IN DEVELOPMENT)

FLUTTER, FIREBASE, GOOGLE MAPS API

- Developing a safety app that provides real-time insights on the safety of streets based on user reviews.
- Integrated Google Maps API to display streets with color-coded indicators representing their safety levels.
- Used Firebase for user authentication and real-time review storage.
- Implemented a rating and review system to help users make informed decisions about their routes.

HUMAN THOUGHT SIMULATION AI MODEL

React.js, MongoDB, Machine Learning, NLP, LLMs, Python

- Developing an AI model that learns from user-inputted data, such as daily diary entries, to simulate their thought process and behavior.
- Utilizing Natural Language Processing (NLP) and Large Language Models (LLMs) to generate personalized responses.
- Implementing a training pipeline that continuously adapts based on new user inputs.
- Using React.js for the frontend and MongoDB for the backend to manage user data and interactions seamlessly.
- Aiming to create a highly personalized AI assistant that mirrors the user's cognitive patterns and decision-making.

EDUCATION

WELSPUN VIDYA MANDIR, Anjar, Gujarat
High Schooling(2014-2023)

VELLORE INSTITUTE OF TECHNOLOGY- BHOPAL, Kothri Kalan, MP
Bachelor of Technology(2023-Present)

ADDITIONAL INFORMATION

- **Education**:

- o **10th Grade:** 91%
- o **12th Grade:** 82%
- o **College CGPA:** 8.57
- **Certifications**:
  - o Woodpecker Hackathon Round 2 Certificate
  - o Sustain-a-thon by Indian Oil Hackathon