ANUSHKA KUMAR

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EDUCATION

B.Tech CSE, Gokaraju Rangaraju Institute of Engineering and Technology (GRIET)   2022 - 2026
CGPA: 9.26(till 4th Sem)

Intermediate, FIITJEE   2020 - 2022
Percentage: 93.1

High School, Vikas - The Concept School   2020
Percentage: 93.8

PROJECTS

BIKERX — Flutter, Dart, FireBase

- Cutting edge technology for streamlined bike servicing.
- Features include - Emergency SOS function, smart chatbot, calling services (overcoming connectivity challenges), providing personalized recommendations for proactive care, API functionality.
- Built with Android, Flutter, Dart, Firebase, Figma (for prototype).

HEALTH HUB — React, Node.JS, Tailwind CSS, Golang, PostgreSQL, Jitsi Meet API (Team Project)

- A Web App transforming healthcare access in rural areas through modular telemedicine kiosks.
- Features include Aadhaar API call for data fetching, AI Voice integration, routing functionalities, Jitsi Meet for virtual consultations, and doctor prescription management.
- Additionally, the kiosk offers dashboard generation and email sending capabilities for comprehensive healthcare management.

Pothole Detection System — Python, OpenCV, TensorFlow/Keras

- Developed a real-time pothole detection system using dashcam footage and Convolutional Neural Network (CNN) models to enhance road safety.
- Technologies Used: Python, OpenCV, TensorFlow/Keras.
- Key features: Implemented a CNN model to accurately detect and classify potholes in various road conditions and lighting scenarios, utilized computer vision techniques to process dash cam footage continuously.

TECHNICAL SKILLS

Programming Languages: Java, C, Dart
App Development: Android, Flutter
Technical: Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), JavaScript, FireBase, MySQL
Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Computer Organization, Operating Systems, Design and Analysis of Algorithms

ACHIEVEMENTS AND CERTIFICATIONS

- Shortlisted for the National Level Robotics Competition (final round) at IIT BHU.
- Won 3rd Prize in Cre-AI-tivity competition (generative AI).
- Successfully completed the AWS Cloud Virtual Internship (Jan-Mar 2024).
- Got certified for presenting project in AAC Expo.
- Successfully completed the "Data Science for Engineers" course under NPTEL.