

Kushal Vadhar

• Vadodara, Gujarat • kushalvadhar@gmail.com • +91 8980391209 • <https://www.linkedin.com/in/kushal-vadhar-41078b20a>

Education

Charusat University

ANAND, GJ

Bachelor of Technology in computer science and technology. GPA [8.7]

May 2023

Sigma institute of technology and engineering

Vadodara, GJ

Diploma in Computer Engineering. GPA [8.3]

Oct 2020

EXPERIENCE

Software Intern

Remote, IN

Kintu Designs

Dec 2022 – Jun 2023

As an Intern at Kintu Designs, we developed a model Utilizing chatbot technology to engage users and detect mental stress indicators through conversational interactions. Additionally, contributed to video-based stress detection project, gaining insights into the intricacies of stress manifestation through facial and behavioral cues. Leveraged a six-month immersive experience to develop foundational understanding and practical skills in the realm of mental stress detection methodologies.

Software Intern

Remote, IN

Navpad Infotech

May 2022 – Jun 2022

As an Intern at Navpad Infotech we contributed to backend development using AdminLTE3 framework and assisted in .NET development tasks during a one-month tenure. Additionally, provided support in the development and implementation of a hospital management system, gaining exposure to healthcare software solutions. Acquired foundational skills in backend development and .NET technologies while contributing to project objectives

Projects

University

Roles & Responsibilities

Smart Mirror (IoT & API)

Developed a Smart Mirror project featuring integrated APIs for weather updates, current- time, and news feeds. Leveraged APIs such as Weather API to provide real-time weather forecasts and Time Now API for accurate time synchronization. Additionally, integrated Newspaper API to display latest news headlines, ensuring a comprehensive and up-to-date information interface on the Smart Mirror.

NFT Marketplace (Web3.0 & Solidity)

Contributed to the development of an NFT marketplace project by writing smart contracts in Solidity. Played a pivotal role in crafting secure and efficient smart contracts to facilitate transactions and ensure the integrity of digital assets on the blockchain. Collaborated with the team to implement key features and functionalities, ensuring compliance with industry standards and best practices in blockchain development.

Mental Stress Detection Chatbot & Video-Based Stress Detection (Machine Learning & Data Visualization Tools)

Developed a project combining Dialog flow for chat-based stress detection with a video-based system utilizing facial and behavioral analysis. Developed solutions to identify stress indicators in real-time, aiming to offer comprehensive mental well-being support. Leveraged innovative technologies to provide personalized intervention and assistance. Contributed to both chatbot implementation and the creation of the video-based stress detection system. Project focused on holistic mental health support through advanced technological integration.

Skills & Interests

Technical skills: C, C++, Python, Arduino, Flutter, Dart, Java, Solidity, PowerBi

Database Management Tools: MYSQL, MongoDB, NOSQL

Developer Tools: Visual Studio, Android Studio, Dialog Flow, Google Data Studio

Certifications: IBM -Certified Big Data Course, Udemy-Principle of Beautiful Data Visualization, IBM-Blockchain Essentials, PWC-PowerBi Course

Survey & Research: Predicting Ethereum Price fluctuations Using Sentiments Analysis (Prophet Library)