Contact

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📍 Hyderabad

in LinkedIn Profile

🐙 Github

Education

B-Tech CSE

Woxsen University | Hyderabad
2021 - 2025
BTECH-COMPUTER SCIENCE ENGINEERING

Intermediate MPC - 80%

Narayana Jr College | Hyderabad

2019 - 2021

Matriculation - 97%

Voxpop International school | Hyderabad
2009 - 2019

Skills

- Python
- Java
- C , C++
- SQL
- Php
- Machine Learning

Tools

- Laravel
- OpenCV, YOLO
- SciKit - learn
- Pandas, NumPy

Certifications

- Cryptography -Coursera Oct 2023
- React Fundamentals -Coursera Nov 2023
- AI For Everyone -Coursera April 2023
- Hands-on Introduction to Linux Commands and Shell Scripting - Coursera Nov 2023
- Data Analysis with Python - Coursera April 2023

Rushik patel

Career Objective

"Seeking a dynamic role in Computer Science and Engineering to drive growth and tackle challenges. Skilled in problem-solving, time management, and collaboration, with a proven ability to balance priorities and deliver results. Eager to contribute effectively and take on responsibilities to achieve team goals."

Work Experience

Social intern

Self | Gachibowli, Hyderabad | June 2023 - August 2023

Designed a healthcare app enabling users to contact doctors via WhatsApp while maintaining anonymity. The app is particularly beneficial in pandemic situations like COVID-19, enhancing accessibility to medical assistance.

Web Developer

Think Again Lab | Kolkata, Hyderabad | March 2024 - June 2024

- Proficiently developed robust web applications using Laravel, ensuring seamless backend integration for scalable solutions.
- Managed and optimized MySQL databases for effective data storage, retrieval, and performance.
- Built intuitive and responsive user interfaces leveraging HTML, CSS, and Bootstrap, enhancing user engagement.
- Conducted API development and testing with Postman, ensuring secure and efficient communication between applications.
- Collaborated with cross-functional teams to deliver projects on time, honing teamwork and project management skills.

Projects

Health care app
- Designed a healthcare app enabling users to contact doctors via WhatsApp while maintaining anonymity. The app is particularly beneficial in pandemic situations like COVID-19, enhancing accessibility to medical assistance.

Voice assistant with chat Gpt characteristics
- Developed an AI-driven voice assistant that combines speech recognition with conversational AI capabilities powered by GPT models.
- Integrated speech-to-text functionality using libraries like (Google Speech Recognition, Whisper) etc. for real-time command processing.
- Incorporated text-to-speech capabilities to provide verbal responses using libraries like pyttsx3 or gTTS.

Facial recognition with e-attendance
- Developed a facial recognition-based e-attendance system using OpenCV and machine learning algorithms.
- Automated attendance tracking by identifying and verifying individuals' faces in real-time.
- All the attendance will be stored in the Excel and will directly send the mail to the head of the department
- Eliminated manual processes, ensuring accuracy and efficiency in attendance management.
- Built the system to handle multiple users and support future scalability.

AI driven dosage recommendation
- Designed an AI-powered system for personalized drug dosage recommendations using machine learning and healthcare data.
- Processed patient data, including genetic, health, and demographic details, for precise analysis.
- Implemented predictive models to recommend optimal drug dosages tailored to individual profiles.
- Incorporated explainable AI techniques to ensure transparency in decision-making for healthcare providers.

Web applications on Laravel
- Designed and developed dynamic, responsive web applications leveraging the Laravel framework to deliver robust and scalable solutions. The projects emphasized performance optimization, security, and user-centric design.
- Some of the applications are : Weather app, LMS(Learning management system),Ticket management system.

Achievements

- Research journal publication - Model Organoids: Integrated Frameworks for the Next Frontier of Healthcare Advancements Published: 11 November 2024
- Space Internship Program 2025 - The AGNIRVA