

YASH JAIN

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EDUCATION

Vellore Institute of Technology, AP

2022 - 2026

B.Tech in Computer Science & Engineering with specialization in AI & ML

Overall CGPA: 8.24

St. Paul H.S. School

Grad. 2021

Indore, India

(CBSE) 10th: 95.4%

(CBSE) 12th: 89.2%

EXPERIENCE

Mukham, Digital Fortress Pvt. Ltd.

May 2023 - Present

Flutter Developer

Amaravathi, Andhra Pradesh

- Design and develop dynamic, functional, and visually appealing cross-platform applications using the Flutter framework.
- Successfully integrated Postman APIs with the application, ensuring seamless data communication and functionality.
- Proficiently worked with Firebase backend for authentication and security measures, enhancing the overall robustness of the applications.
- Implemented gRPC technology to optimize communication between different components, contributing to the efficiency and responsiveness of the applications.

Open Source Club, VIT - AP

June 2023 - Present

Mobile Application Developer, Technical Team

VIT-AP

- Created foundation for the OSC platform Infrastructure
- Flutter - Riverpod (for managing states) - Google Maps Integration

Machine Learning Club

Oct 2022 - Aug 2023

ML Projects Team

VIT-AP

- Developed a Facial Identification System utilizing OpenCV, showcasing strong skills in computer vision and image processing.
- Engineered a Hand Gesture Controlled System for everyday devices, leveraging Convolutional Neural Networks (CNNs) and OpenCV. This project demonstrated creativity and practical application of machine learning in human-computer interaction.

TECHNICAL STRENGTHS

Computer Languages

Python, Java, Dart, JavaScript, HTML, CSS

Protocols & APIs

gRPC, JSON, REST

Frameworks & Libraries

Flutter, ReactJS, Express JS, Bootstrap, Scikit - Learn, Tensorflow, Pytorch, Keras, OpenCV

Databases

MySQL, PostgreSQL, MongoDB

Tools

Bash, Vim

Skills

Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Google Cloud

PROJECTS

Crypto Sentinels

This is a toolkit for Govt. agencies to help them monitor and deanonymize cryptocurrency wallets related to illegal activities on the dark web.

• JavaScript • Node JS • React • MongoDB • Python

BERT4CRYPTO

A Transformer model to identify fraudulent cryptocurrency transactions and wallets with the help of the Elliptic++ Dataset

• Tensorflow • SciKit Learn • Pandas • NumPy • Transformers

Dark Sentiments

A Sentiment analysis model fine-tuned on data extracted from the dark web aimed to classify licit and illicit websites on the Dark web.

• PyTorch • SciKit Learn • Pandas

VIT-AP's Food Ape

Led the development of the "Food Ape" mobile app at VIT-AP, transforming the campus dining experience. The cross-platform application offers an intuitive interface for browsing mess food and menus from popular eateries like Food Street. Orders can be seamlessly placed, ensuring a consistent user experience across devices. Powered by Google Cloud for efficient database management and featuring Firebase authentication for security, the app reflects my proficiency in cutting-edge technologies. The project underscores my commitment to delivering innovative solutions and showcases skills in

• Flutter • Google Cloud Platform (GCP) • Firebase • Firestore

RELEVANT COURSEWORK

UNDERGRADUATE

Object Oriented Programming, Computer Organisation and Architecture,
Computer Vision and Robotics, Data Structures and Algorithms, Digital Logic Design,
DBMS, Computer Networks, Artificial Intelligence

ADDITIONAL COURSES

Coursera - Deep Learning Specialization

DeepLearning.AI — 2023-24

ACHIEVEMENTS

2023	Qualified Round 1 (World Rank 2917)	TCS Code Vita
2023	Finalist	Smart India Hackathon
2022	Top 10	Google Solution Challenge - Hackathon