

Manan Shah

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PROFESSIONAL SUMMARY

Driven computer science and engineering student at VIT Vellore with a passion for diverse fields including full-stack development, machine learning, and mixed reality. Balancing academic rigor with practical application, fueled by a relentless thirst for knowledge and collaboration in exploring endless possibilities. Seeking to contribute dynamic skills and innovative perspectives to future endeavors.

EDUCATION

Vellore Institute of Technology

September 2022 – July 2026

- Bachelors of Technology (B. Tech) in Computer Science & Engineering
- CGPA: 9.32

Witty International School

May 2010 – March 2020

- High School
- Percentage: 93.86%

TECHNICAL SKILLS

Languages : Python, Java, C, C++, JavaScript, TypeScript, Go, HTML, CSS, SQL (MySQL, PostgreSQL, SQLite), noSQL

Frameworks : ReactJS, NextJS, React Native, TailwindCSS, Node.js, Django, Flask, FastAPI, ExpressJS, GoFiber, OpenCV

DevOps and API Tools : Git, Docker, Kubernetes, Postman, RESTful API writing

Cloud and Security Tools : AWS, Azure Cloud

ML & Data Science : Convolutional and Deep Neural Networks, TensorFlow, Keras, PyTorch, R, MATLAB, Computer Vision

EXPERIENCE

Research Intern | Halara - Viftr Tech

January 2023 - June 2023

- Conducted research studies and pilot programs in the months leading up to the launch of the MVP - a Virtual Reality tool that assisted children suffering with autism spectrum disorder.
- Co authored a research review paper on the same.
- Gained valuable insights into a technological startup culture.
- Visited the Microsoft Office as a part of the ATF Accelerator Program, and received first-hand guidance and support from their team.

Future of Work Fellow | Clymbe

January 2021 - December 2021

- Researched and explored a problem that has been plaguing generations after generations - credit scoring and financial health.
- [Link to the same.](#)

Marketing and Outreach Intern | BeanDeck Pvt. Ltd.

May 2020 - June 2020

- Gained valuable insights into early startup culture, while working in outreach and marketing to collaborate with various roasters and cafes and managing their social media accounts.

AWARDS AND CERTIFICATIONS

Winner - 1st Place | Vellore Institute of Technology Central Hackathon - A hack comprising of over 600 students.

April 2024

Winner - 2nd Place | Code4Change Hackathon - An ideathon and hackathon with over 500 participants.

March 2024

Published a Research Paper | The use of Virtual Reality in Clinical Practice for Autism Spectrum Disorder | [Link](#)

June 2023

Python for Data Science, AI & Development | IBM

February 2023

PROJECTS

ScriptSync | OpenCV, Python, TensorFlow, RESTful API, ReactJS, FastAPI | [LinkedIn](#) | [GitHub](#)

April 2024

- A SaaS product to enable multi-lingual support for videos (especially, but not limited to, educational videos) in all facets - subtitles, audio and video.
- Made in 40 hours, and stood first in VIT central hackathon 2024.

ForReal. | Python, Librosa, Matplotlib, TensorFlow, Keras, ReactJS, FastAPI | [LinkedIn](#) | [Kaggle Notebook](#)

March 2024

- A convolutional neural network model that has the ability to predict whether an input image or audio file is real, or DeepFaked (AI generated) with an accuracy of upwards of 93%.
- Stood 2nd in CSED-VIT x SSIT-VIT's Code4Change Hackathon.

UniPool | React Native, Go, GoFiber | [LinkedIn](#) | [Google Play Store](#)

January 2024

- A mobile application to help facilitate carpooling between locations for university students.
- Officially approved and published on the Google Play Store in April 2024.

EXTRACURRICULAR

Senior Core Member | Association for Computing Machinery - VIT Student Chapter

May 2023 - Present

- Spearheaded and managed many of VIT Vellore's premium, large-scale events with footfall of more than 1000 students.
- Worked on various full-stack projects, including UniPool, Reverse Coding Web Portal & The Cryptic Hunt Mobile App
- Used NextJS, TypeScript, React Native, Prisma, Go and various other pieces of technology in my chapter.

School President | Witty International School

June 2018 - May 2019

- Successfully led the student council for one academic year, after being a part of it for the previous 4 years, and organised various cultural and curricular events.
- Seamlessly bridged the gap between students and management, promoting students' welfare.