

Ajay Sriram

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Education:

Vellore Institute of Technology, Chennai

- B.Tech. - Computer Science and Engineering
September 2021 – July 2025 GPA 9.31/10

Work Experience:

AI ML Intern, Japa Software Solutions – Chennai [\[Link\]](#)

October 2023 – December 2023

- Working on Product 'RFP.Plus'
- work closer to applications like Bert, Transformers
- understood how large models like GPT's are developed

Application Development Intern, Numberz.ai [\[Link\]](#)

September 2023 – October 2023

- Worked on designing frontend
- Worked with tools like Docker, Kubernetes, Digital Ocean
- Html, CSS, JavaScript were used

Full Stack Development Intern, Capabl India [\[Link\]](#)

June 2022 – July 2023

- Worked on two projects "Dashboard" and "Hangman Game"
- Java Full Stack

Skillset and Technical Background:

- Programming Languages**
Python, Java, C, C++, SQL, R, HTML/CSS, Java Script
- Platforms & libraries:**
GitHub, Colab, Kaggle, VS Code, Keras, NumPy, Pandas, Docker, Kubernetes, Digital Ocean, R studio.

Research & Conference Work:

Detecting Depression in social media Using Machine Learning

- Accepted at ICIETDW 2024 - IEEE Digital Library
- probability estimates for the classification

Improving Modern Warfare using Autonomous Manoeuvring of Combat Vehicles

- Accepted at ESTCON 2024 , Malaysia
- Integrating AI with Autonomous vehicle concept.

Projects:

Extracting PDF Contents Using Computer Vision [\[Link\]](#)

Jan 2024 – May 2024

- development of a hybrid OpenCV with OCR approach
- implement and evaluate of four distinct text extraction methods: MuPdf, OCR, OCR+CNN, OpenCV+OCR. Submitted as research paper.

FILEQA: A Summarizer, Translator and Question Answerer [\[Link\]](#)

Jan 2024 – May 2024

- aims to help to translate or summarize any research paper or pdf document
- Can also answer questions from the pdf.
- Models used – PyMuPDF (fitz), T5 Transformer, Google Trans library and BERT. Submitted to ICCCSMD-2024, IEEE conference.

Breacher's Society Sync [\[Link\]](#)

September 2023 – October 2023

- Developed for SoftCode Hackathon
- blends the social connectivity of a social media app with the practicality of buy and sell style classifieds
- Built frontend, worked on integration.

Stationery Shop Dashboard [\[Link\]](#)

June 2023 – July 2023

- For small shop vendors to them keep track of their goods and go digital
- flutter for frontend and MySQL for backend and python for flask code.

IOT Based Voting System

Jan 2024 – May 2024

- fingerprint sensor (R307) and Arduino Uno
- Built frontend using React.

Code Red: voice encoder and scrambler for secure communication

Jan 2024 – May 2024

- Worked on frontend and cryptographic encryption and decryption
- Voice scrambler and dual authentication using password

Certifications:

- Google Cloud Digital Leader – [\[Link\]](#)
- AWS Cloud Foundation- [\[Link\]](#)
- Entrepreneurship, NPTEL, IIT Madras – [\[Link\]](#)
- Python Spoken Tutorial, IIT Bombay- [\[Link\]](#)
- C Programming Spoken Tutorial, IIT Bombay- [\[Link\]](#)
- C++ Programming Spoken Tutorial, IIT Bombay- [\[Link\]](#)
- IIRS, ISRO Outreach Programme – [\[Link\]](#)
- JavaScript Essentials, Cisco Network Academy– [\[Link\]](#)

Co-curricular:

- Member – Mathematics Club, VIT Chennai 2023 – 2024
- Member – Association for Computing Machinery (ACM), VIT Chennai Student Chapter 2022-2024