

AAKASH KUMAR

Email - ak3183476@gmail.com | PHONE NO - 6350272036 | [Portfolio](#) | [Github](#) | [Linkedin](#)

Education

Vellore Institute of Technology, Chennai (TN) India <ul style="list-style-type: none">Branch: CSE with AI and Robotics CGPA: 8.97	2021 - 2025
St. Anselm's Sr. Sec. School, Alwar (Raj.) , India <ul style="list-style-type: none">CBSE (Class XII) - 91%	2021
<ul style="list-style-type: none">CBSE (Class X) - 92%	2019

Skills

Programming Languages : C++, Java, Python, C#, JavaScript	Frameworks : Node.js, Flask, .NET, Express.js
Tools & DevOps : Ai & ML, LLM, Git, Jenkins, Docker, Postman, SonarQube	Databases : MySQL, MongoDB
Platforms : Windows, Linux, macOS	Cloud & Platforms : Google Cloud (CDL, GCCF), AWS
Other: (OWASP, ZAP), UI/UX, Video Editing	

Industrial Training

Worldline Global – Industrial Training Program	Nov 2024 – May 2025 (Ongoing)
Completed Level 1 (Foundational) and Level 2 (Intermediate); currently pursuing Level 3 (Advanced).	
Level 1: Linux, OOPs Concepts, and Web Development	
Level 2: Databases, GitLab CI/CD, Microservices, Jenkins, Web Services & REST APIs, OWASP & ZAP, SonarQube	
Level 3 (Ongoing): ASP.NET and C#	

Projects

Project 1 - MultiPDF Chat-Agent <i>An AI-powered web application enabling intelligent conversations with content from multiple PDF files.</i> <ul style="list-style-type: none">Built a context-aware question-answering system using Langchain and Google Gemini Pro to parse and understand multiple PDFs. Integrated semantic search with FAISS vector store, ensuring fast and relevant document retrieval.	Apr'25 (Github)
Project 2 - Garbage Collector Robot <i>This robot collects all the garbage found in its path and removes it from the path.</i> <ul style="list-style-type: none">It is an IOT project, this robot uses different sensors such as ultrasonic, infrared, etc. It detects anything in its path and picks it with the help of a robotics arm.This robot follows a black path and can automatically adjust its directions.	Apr'23 (Github)
Project 3 - VotingApp <i>A backend application for a voting system that allows users to vote for candidates securely.</i> <ul style="list-style-type: none">Implemented secure user authentication using Aadhar and ensured one-time voting per user.Built admin candidate management with Node.js, Express.js, and MongoDB for efficient backend operations.	Sep'24 (Github)

Publications

Face Recognition-Based Attendance System Aakash Kumar, et al. IEEE Xplore, 2024. DOI: 10.1109/ICECA57406.2024.10940084 Developed an intelligent attendance system using facial recognition with 95% accuracy, integrated with a Flask web interface for real-time record management and timestamp logging.
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Work Experience

Freelance Web Developer & Video Editor Fiverr <ul style="list-style-type: none">Designed and delivered over 15 responsive WordPress websites using Elementor.Produced 30+ branded YouTube intro/outro videos for clients across various industries.Maintained 100% client satisfaction and repeat business through timely delivery and quality.	(Remote) 2019 - 2022
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Positions of Responsibility

National Cadet Corps (NCC) - [3 Years] <ul style="list-style-type: none">Demonstrated discipline, leadership, and dedication through active participation in NCC activities.Honed skills in teamwork, time management, and physical fitness through rigorous NCC camps.	2022 - 2025
Linux Club Tech Member <ul style="list-style-type: none">Hosted the club's website on amazon AWS. And managed events such as Password, HackersHorizon..	2022 - 2023

Academic and Extracurricular Achievements

- Certified Cloud Digital Leader (CDL) and Google Cloud Computing Foundations (GCCF)
- Achieved 5-star ratings in C++, Java, and Python on HackerRank and solved 350+ questions on LeetCode.