



ARAVINTH G

Computer Science Engineering (Artificial Intelligence and Machine Learning)

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Education

Bachelor of Engineering – artificial intelligence and machine learning

sethu institute of technology
2026 | CGPA: 7

Higher Secondary Education

V.S.K.D mat hr. sec. school
2022 | Percentage: 70.66%

Secondary School Leaving Certificate

Lions mat hr. sec. school
2020 | Percentage: 62.2%

Area of Interest

- Mobile App Development using Flutter
- Machine learning

Skills

- Programming (Python,Java)
- Basic cloud computing
- SQL(MY SQL)
- Power BI
- Flutter
- Teamwork
- Time Management
- Leadership
- Critical Thinking

Objective

I'm an aspiring AI/ML engineer and a tech enthusiast who loves turning data into smart solutions. Python is my playground, and I enjoy building intelligent models that actually solve real-world problems. I've got hands-on experience from working at the Nexgen Machine Learning Laboratory and from creating my own impactful AI/ML projects. I'm naturally curious, always eager to learn, and driven by the idea of using AI to make a real difference in people's lives.

WORK EXPERIENCE

Projects

Face Attendance System using Mediapipe and Machine Learning

Developed a real-time Face Attendance System using Python, Mediapipe, and ML algorithms, achieving 98% recognition accuracy with automated timestamped logging.

Notes app using Flutter

Developed a cross-platform Notes App using Flutter with text and audio note support, featuring intuitive UI, local data storage, and real-time search functionality.

Water D Rover(UNMANNED SURFACE ROBOT)

Designed and built an unmanned surface robot for water body monitoring, integrating sensors and YOLOv8-based ML model to detect and identify floating solid waste in real time.

MEDAI (REPORT SUMMARIZER)

Developed MedAI, an AI-powered medical report summarizer with multilingual support, voice input/output, and NLP-based simplification for quick, accurate understanding of complex reports.

INTERNSHIP /TRAINING COURSES

Angular Framework Workshop – Karam Academy

Built responsive front-end web applications using Angular and Bootstrap.

FULL STACK PYTHON DEVELOPMENT ON PHOENIX SOFTECH

Worked as a Full Stack Python Developer at Phoenix Softech, building end-to-end web applications with Python, integrating frontend and backend solutions for seamless functionality

APP DEVELOPMENT ON SRISOFTWARZ

Developed mobile applications at SRIsoftwarz, implementing user-friendly features and optimizing performance for a seamless app experience

CERTIFICATION

NPTEL Introduction To Industry 4.0 And Industrial Internet OF THINGS

Completed NPTEL course on 'Introduction to Industry 4.0 and Industrial Internet of Things (IIoT)', gaining knowledge of smart manufacturing, connected devices, and industrial automation.

Introduction to Cloud Computing by simple learn

Completed 'Introduction to Cloud Computing' by Simplilearn, gaining foundational knowledge of cloud services, deployment models, and cloud-based solutions.

Academic & Co-Curricular Activities

- **Team Lead**

Smart India Hackathon 2023 | MSME Student | Class Representative

- **Department Symposium Coordinator – Sethu Institute of Technology**

Coordinated departmental symposium events, managing planning, scheduling, and execution.

- Winner in multiple technical symposiums and Secured Top 5 position in the Hackathon at Mohammed Sathak Engineering College, Kilakarai.

HOBBIES

- Sketching
 - Conversational with AI
 - Gaming
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