

Thulasimanikandan M

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

SUMMARY

AI & Full-Stack Developer skilled in Python, Java, and MERN stack with hands-on experience building scalable web applications and deep learning models. Strong in DSA and backend architecture with practical experience in REST APIs and real-time systems. Passionate about solving real-world problems through intelligent software systems.

EDUCATION

KPR Institute of Engineering and Technology

Bachelor of Technology in Artificial Intelligence and Data Science

- CGPA: 8.15 / 10

Coimbatore, India

2023 – 2027

NV Matriculation Higher Secondary School

Computer Science

- Percentage: 92.3 / 100

Tiruppur, India

2021 – 2023

EXPERIENCE

Mist Solutions

Internship Trainee

Jan 2025

- Developed responsive e-commerce website improving UI usability and performance.
- Implemented modular frontend components using Bootstrap and JavaScript.

GradTwin Services Private Limited

Backend Python Developer

July 2025

- Completed a 15-day internship at GradTwin as a Backend Python Developer Intern.
- Built a complete Car Rental System using Flask with frontend integration in HTML, CSS, and JavaScript.
- Gained hands-on experience in Python core modules, RESTful API development, and end-to-end application deployment.

TECHNICAL SKILLS

Programming Languages: Python, Java

Frontend: HTML, CSS, JavaScript, React.js, React Native(basics)

Backend: Flask, Node.js

Databases: MySQL, MongoDB

Frameworks & Libraries: Numpy, Pandas, Streamlit, OpenCV

Tools: Figma, VS Code, Github, Expo Go

PROJECTS

Car Rental System | *Flask, SQLite, HTML, CSS, JavaScript* | [Link](#)

- Built a full-stack car rental web application with user authentication, session management, and real-time car availability tracking.
- Implemented an admin dashboard for managing cars, users, and bookings, including rental/return workflows and secure password handling.
- Designed a responsive interface with modern styling for an enhanced user experience.

Digitalized Central Platform for Alumni Engagement | *MongoDB, Express.js, React.js, Node.js* | [Link](#)

- Developed a centralized alumni engagement platform to streamline networking, mentorship, and career opportunities between students, alumni, and administrators.
- Implemented secure login, profile management, job/event postings, and real-time communication.
- Built an admin dashboard for alumni data oversight and content moderation, ensuring scalability and user-friendly access.

Deepfake Analyzer | *Python, Flask, TensorFlow, PyTorch, OpenCV* | [Link](#)

- Developed a Deepfake Analyzer capable of detecting manipulated videos using advanced deep learning techniques (TensorFlow/Keras, PyTorch).
- Integrated Flask APIs for seamless backend deployment and real-time video analysis.
- Built a responsive web interface using HTML, CSS, and Bootstrap/Tailwind, providing accurate predictions on video authenticity.

KEY ACHIEVEMENTS

Line Follower Event: Won First Prize in the Line Follower Robotics Event at Anna University, showcasing expertise in automation, problem-solving, and robotics development.

Best Student Volunteer: Awarded "Best Student Volunteer" by SPARKS Association for outstanding contribution in organizing and managing a college-level hackathon event.

CERTIFICATIONS

Data Analytics With Python - NPTEL

Practical Cyber Security for Cyber Security Practitioners - NPTEL

Node.js - Linux Foundation