

ADITYA KUMAR

+91 8529727719 ◊ Chennai, Tamil Nadu

adityak03@outlook.com ◊ [Github](#) ◊ [LinkedIn](#)

EDUCATION

Bachelor Of Technology in Mechatronics Engineering with specialization in Robotics
SRM Institute of Science And Technology
CGPA: 8.34

2021 - 2025

SKILLS

Programming Languages	Python, Kotlin, Java, MySQL, HTML, CSS
Soft Skills	Collaborative Synergy, Time Management, Team-work, Multitasking, Innovative
Tools	Pandas, Scikit-Learn, MS-Excel, Jupyter Notebook, Figma, Matlab
Spoken Language	English, Hindi, Malayalam

EXPERIENCE

Backend Developer Intern Star Pine Auto Parts LLC	Sep 2024 - Dec 2024 <i>Remote, Virginia, USA</i>
<ul style="list-style-type: none">Developed 5+ RESTful APIs using FastAPI, reducing response times by 30% through query optimization.Optimized MongoDB schemas, reducing query execution time by 40% and improving data retrieval efficiency.Integrated third-party inventory management services, automated order processing, and reduction of manual workload.Implemented JWT-based authentication and role-based access control, enhancing system security.Wrote 50+ unit and integration tests, achieving 90%+ test coverage for backend stability.	
Flutter Developer Intern Ociuz Infotech	Aug 2023 - Sep 2023 <i>Chennai, Tamil Nadu</i>
<ul style="list-style-type: none">Worked in a team to build a steganography flutter app, integrating a Convolutional Neural Network (CNN) AI model via api for encrypting text within images	
Technical Member Google Developer Student Clubs	Oct 2022 - Present <i>Chennai, Tamil Nadu</i>
<ul style="list-style-type: none">Collaboratively engineered event management mobile app for 1000+ attendees, validated at a club event with 250+ attendees, reducing registration time by 30%.Gained team working, time management and initiative skills.	

PROJECTS

Dynamic Web Blocker. Designed and developed a network monitoring software with firewall capabilities to efficiently block websites by keywords and enforce access restrictions, resulting in a 20% productivity increase.

Puppet. Implemented a peer-to-peer connection system in an Android app, enabling remote command execution and file access between mobile devices and computers.

Dnd portal app. Collaboratively designed and developed an event attendance app with an intuitive interface, enabling admins to mark participant attendance and log entry/exit times. Integrated RESTful APIs for real-time data synchronization

Backpackk An advanced web based AI travel planner that generates itineraries based on user preferences. [Backpackk](#)

CERTIFICATIONS

- Google cloud study jam - Google cloud skills boost
- Introduction to Robotics - IIT Madras
- Machine Learning Specialization - Stanford - Coursera (Pursuing)
- Data Analytics - Trainity (Pursuing)

ACHIEVEMENTS

- Placed in the top 15 teams in university at the Smart India Hackathon 2022.
- Placed among the top 5 teams in Defence India Hackathon 2022.