

# SRIDHAR S

B.Tech Artificial Intelligence and Data Science (III YR)  
Student

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## PROFILE INFO

I'm a third-year AI & Data Science engineer focused on building high-performance, AI-powered systems that solve real-world problems. I specialize in end-to-end intelligent tools that blend LLMs, automation, and clean web architecture—bridging the gap between research and scalable application. From AI agents and shopping assistants to analytics dashboards, I build with FastAPI, Next.js, PostgreSQL, and vector search. My mission is to craft systems that elevate human potential, redefine interaction, and leave a lasting mark on the AI-driven future.

## EXPERIENCE

AUG 2024 - SEP 2024

Ethe Infotech, Coimbatore

### AI & Data Science Intern

- Designed AI-powered automation for a hotel management system, reducing manual workload by X% and enhancing customer experience through predictive analytics.
- Specialized in Power BI to design interactive dashboards, visualizing key metrics for operational insights and decision-making.

BlockChain and Cloud  
Computing Course

Issued by Oracle Certified  
Foundations Associate on May  
2024

Google Android App  
Development Course

Issued by SmartBridge on Feb  
2025

Hack Beyond Limits Hackathon  
2025

Secured Second Place for developing  
an AI-powered multilingual RAG  
based Education Platform

ISRO Bharatiya Antraiksh  
Hackathon 2025

Top 30 Finalist (out of 30,000+  
participants) - recognized for  
developing

innovative solutions for their Problem  
Statement 13

## PERSONAL PROJECTS

### 1. ProdXpert: AI-Powered Shopping Extension

- Developed using JavaScript, HTML, CSS, and TensorFlow.js, this Chrome extension integrates AI-driven features like sentiment analysis, price tracking, and discount trends. ProdXpert redefines online shopping by combining real-time analytics and intuitive user experience in a pioneering, first-of-its-kind solution.

### 2. AI-Powered Book Recommendation System

- Developed an AI-powered book recommendation engine, leveraging NLP and machine learning to deliver personalized reading suggestions with a 20% increase in engagement compared to traditional filtering methods.

### 3. Decentralized Food Charity Platform

- Developed on Solidity and blockchain, this platform ensures secure and transparent tracking of food donations, building trust among stakeholders.

### 4. Owl Material Design Study App

- Built on Android Studio, this app empowers students with AI-driven note creation, off line access, and intuitive editing tools for effective learning.

## CERTIFICATIONS & ACHIEVEMENTS

## EDUCATION

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2019-2020 I VGHMSS  
SSLC (PASSED WITH 99.6%)

2021-2022 I VGHMSS  
HSC(PASSED WITH 95.5%)

2022- PRESENT I Anna University  
B.Tech Artificial Intelligence and Data Science | CGPA  
(8.0)

## TECHINICAL SKILLS

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- AI/ML: LLMs (GPT-4, LLaMA), LangChain, Scikit-learn, AutoML, RAG, embeddings
- **Deep Learning:** PyTorch, CNNs, Transformers, multimodal models
- Web Dev: FastAPI, Next.js, Node.js, Tailwind CSS, React
- **Databases:** Postgre SQL, CockroachDB, Firebase, SQLite
- **Automation:** Playwright, BeautifulSoup, aiohttp, scripting
- **Languages:** Python, JavaScript, Type Script, SQL, Bash
- Tools & OS: Git, Docker (basic), Arch Linux (Hyprland), Waydroid
- **Prompt Engineering:** Custom chaining, tool-aware prompts

## KEY SKILLS

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- AI-Powered Problem-Solving & Innovation
- Workflow Automation & Productivity Optimization
- Technical Research & Rapid Learning in AI
- AI Project Management & Deployment
- High-Stakes Decision-Making & Strategy