

## Contact

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## Top Skills

Python (Programming Language)

C++

Machine Learning

## Certifications

Learning C++ (2021)

Learning Python

An Introduction to Generative AI

Introduction to Artificial Intelligence

# Dondapati Theerdha Purushotham

Aspiring Machine Learning Engineer | Python & Front-End Developer  
| Building Scalable Tech | Open to Work  
Vijayawada, Andhra Pradesh, India

## Summary

# D. Theerdha Purushotham: Aspiring ML Engineer | Full-Stack AI Developer

Turning complex concepts into intelligent, impactful, and scalable solutions.

I am a highly driven B.Tech AI & ML student specializing in the convergence of Machine Learning Engineering (MLE) and Front-End Development. My focus is building and deploying smart, end-to-end applications that solve real-world problems.

My journey is defined by action, certified learning, and ambitious goals:

Short-Term Goal: Secure an on-site internship to gain practical, large-scale deployment experience.

Long-Term Vision: Launch my own tech venture in the AI/Web Development space.

### Innovation & Experience

I blend algorithmic logic with user-centric design, ensuring complete and robust solutions.

National Hackathon: Team leader/participant in the MindSprint 2K25 – 36 Hours National Hackathon (PSCMR College), focusing on creating real-time transport-based solutions.

Experience in building smarter systems under pressure.

Startup School: Completed Prompt to Prototype (Google for Startups x Scaler), mastering the journey from AI concept to tangible reality.

Community Impact: Completed a Community Service Project Internship (May–June 2025) on "Spreading Awareness on AI and Its Role in Everyday Life."

### Core Technical Expertise

My dual-domain focus ensures full-stack capability: Domain Key Technologies & Focus Machine Learning Python, AI/ML Fundamentals, Data Handling, APIs. Software Dev HTML, CSS, JavaScript, Python (Core), Web Applications.

Business Acumen Financial Management (Alison Certified), Startup Prototyping.

Certified Knowledge & Dedication

My commitment to continuous learning is validated through key institutional certifications:

AI/ML Foundations: IBM Skills Build (AI Fundamentals), Microsoft Learn (AI Concepts), Google Cloud Agent AI Day (Hack2skill), NPTEL (Programming in Python).

Professional: Certified in Time Management and Advanced Grammar.

If you are looking for an intern or collaborator who brings certified expertise in both Machine Learning and Front-End Development, and is ready to contribute measurable impact, let's connect.

Open to opportunities in Python, ML, Data, and Web Development.

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## Experience

### Elevate Labs

Web Development Intern

June 2025 - July 2025 (2 months)

Andhra Pradesh, India

Developed and deployed 3+ interactive web applications, including a Weather App and Portfolio Site, using HTML, CSS, and JavaScript (ES6).

Integrated real-time APIs and optimized UI responsiveness, improving app load performance by 30%.

Enhanced user experience (UX) through semantic HTML and clean CSS structure.

Strengthened collaboration using GitHub for version control and team code reviews.

### VaultofCodes

Web Development Intern

June 2025 - July 2025 (2 months)

Andhra Pradesh, India

Contributed to the design and development of portfolio, calculator, and search-page interfaces, ensuring cross-browser compatibility and responsive layouts.

Implemented DOM manipulation and JavaScript optimizations, increasing interactivity and reducing latency by 20%.

Collaborated with a multi-developer team to refine UI/UX workflows and deploy multiple student-facing projects.

Delivered clean, maintainable, and scalable front-end code aligned with industry best practices.

## NRI Institute of Technology, Vijayawada

### Student Mentor

March 2025 - March 2025 (1 month)

India

### Generative AI Workshop

Mentored a group of 15+ junior students in AI fundamentals, prompt engineering, and project prototyping.

Guided participants to develop mini AI-powered applications, leading the team to secure 3rd prize in the workshop competition.

Simplified complex AI concepts into practical, hands-on learning modules to boost engagement and understanding.

## LinkedIn

### Student Participant

August 2024 - September 2024 (2 months)

India

Completed advanced training in professional communication, digital branding, and leadership influence.

Applied learned strategies to grow personal network and mentor peers in professional visibility.

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## Education

### NRI Institute of Technology

Bachelor of Technology, Computer Engineering · (2023 - 2027)

NRI INSTITUTION OF TECHNOLOGY AGIRIPALLI

Bachelor of Technology - BTech, Computer science engineering  
· (2023 - 2027)

Ravindra Bharathi Public School, Prasadampadu, Vijayawada  
10th class, Computer Science · (September 2016 - March 2021)