

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 Agentic 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.

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.

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)