

T. PURUSOTTAM REDDY

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EDUCATION

Parala Maharaja Engineering College, Berhampur 2022 – 2026
B.Tech – Computer Science and Engineering — CGPA: 8.27/10.0

Regional Science Higher Secondary School, Surla 2020 – 2022
Class XII – Science — 79.8%

CDT Vidya Mandir, Biswanathpur 2019 – 2020
Class X — 73.1%

TECHNICAL SKILLS

Programming: Python, Java, C, SQL
AI & ML: TensorFlow, Keras, Scikit-learn, OpenCV, CNN
Web Development: HTML, CSS, JavaScript, React, Node.js, Django, SQLite, Supabase
Data Analysis: NumPy, Pandas, Matplotlib, Seaborn, Excel
Tools: Git/GitHub, Streamlit

PROJECTS

AI-Based Crop Disease Detection System
Tech Stack: Python, TensorFlow, Keras, OpenCV, Streamlit
• Implemented a CNN-driven crop disease detection solution with 90%+ accuracy, supporting farmers with real-time predictions.

Cybercrime Report & Awareness Portal
Tech Stack: React, Supabase, PostgreSQL
• Developed a full-stack web application for reporting cybercrimes and raising awareness, integrated with authentication, report submission, deepfake reporting, community scam wall, and fraud lookup tool.

Full-Stack Blogging Platform
Tech Stack: Django, React, REST Framework, SQLite
• Built a blog platform with authentication, post creation/editing, and comments; integrated REST APIs.

Responsive E-Commerce Website
Tech Stack: HTML, CSS, JavaScript
• Developed a responsive website with product catalog, smooth UI, secure navigation, user interaction.

WORK EXPERIENCE

Machine Learning & Deep Learning Intern – PMEC Jun 2024 – Jul 2024
• Developed multiple ML/DL projects, achieving high accuracy across real-world datasets. Implemented and compared models and architectures to optimize performance, while collaborating in a team, solving problems, and presenting insights effectively.

CERTIFICATIONS

Tata – GenAI Powered Data Analytics (Forage) Jul 2025
AI & Machine Learning (Coursera) Mar 2024
Full Stack Web Development (Udemy) Oct 2023