

PHANEENDRA KANDURI

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PROFESSIONAL SUMMARY

Full Stack Developer skilled in React.js, Node.js, and Python, building scalable web applications and machine learning models. Built a phishing detection system achieving 99.9% accuracy on 100,000+ URLs using Random Forest. Strong in Data Structures, RESTful APIs, JWT authentication, and backend performance optimization.

SKILLS

Languages	Python, Java, JavaScript, C++
Core Concepts	Data Structures & Algorithms, Object-Oriented Programming, RESTful APIs
Frontend	React.js, HTML, CSS, Tailwind CSS
Backend	Node.js, Express.js, Django
Databases	PostgreSQL, MongoDB, MySQL
Machine Learning	Scikit-learn, TensorFlow, Pandas, NumPy
Tools	Git, GitHub, AWS, Postman

EXPERIENCE

- Smartbridge** Oct 2025 – March 2026 [GitHub](#)
AI/ML Intern | Remote
- Built a **CNN-based model** using **TensorFlow & Keras**, achieving **85–95% accuracy** on image classification tasks.
 - Deployed a **Flask web app** enabling real-time predictions on **100,000+ input samples**, with automated preprocessing to improve inference efficiency.
- Smartbridge** May 2025 – July 2025 [GitHub](#)
Generative AI Intern | Remote
- Designed a **Smart City Assistant** using **React.js, Node.js, MongoDB**, implementing **RESTful APIs** and **JWT authentication**.
 - Reduced backend API latency to **< 3s**, improving system responsiveness and scalability using **Postman**.

PROJECTS

- PhishGuard — URL Phishing Detection**
Tech Stack: Python, Scikit-learn, Random Forest, NumPy, Pandas
- Built a **phishing detection system** using **16 engineered features** on **100,000+ URLs**, achieving **99.9% accuracy** with **Random Forest**.
 - Deployed a **real-time web application** with risk scoring, scalable prediction pipeline, and **feature-based threat analysis; research published**.
- Truck Trip Planner**
Tech Stack: Python, Django, React.js, APIs
- Built a full-stack route planning system using OSRM and OpenStreetMap with real-time map visualization and geospatial data handling.
 - Implemented HOS compliance logic enforcing driving limits and generated ELD logs using SVG-based visualization.
- Taskly — Mini SaaS Task Manager**
Tech Stack: Node.js, Express.js, PostgreSQL, React.js
- Developed a multi-user SaaS application with JWT authentication, secure password hashing, and protected RESTful APIs.
 - Designed CRUD APIs using Express.js and PostgreSQL with data validation, ownership checks, and frontend integration.

EDUCATION

- B.Tech in Computer Science & Engineering (Cyber Security)** 2022 – 2026
Rajeev Gandhi Memorial College of Engineering and Technology (Autonomous), Nandyal, AP, India
CGPA: 8.20/10
- Industry-Ready Full-Stack, AI & ML Certification** — NxtWave Academy 2024 – Present

RESEARCH PUBLICATIONS

- ML-Based Phishing URL Detection Using Lexical & Structural Features** 2026
Dept. of CSE, RGM CET, Nandyal | Machine Learning, Random Forest | 99.9% Accuracy on 100,000+ URLs | Feature Engineering, Classification

CERTIFICATIONS

[AWS Certified Cloud Practitioner \(2025\)](#) — [AWS Generative AI \(2025\)](#) — [AWS Cloud Foundations \(2023\)](#)