

PRANIL SHRIPAD

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Summary

Computer Science undergraduate specializing in Cybersecurity with strong focus on full-stack development and cloud security. Skilled in React.js, Node.js, PostgreSQL, and REST APIs, with experience building AI-powered and blockchain-based applications. Passionate about developing secure and scalable systems.

Education

St. Vincent Pallotti College of Engineering and Technology
B.Tech in Computer Science and Engineering (Cyber Security)

2023 – 2027
Nagpur, Maharashtra

Technical Skills

Programming Languages: Python, JavaScript, C, C++
Web Development: Node.js, React.js, Express.js, Authentication Systems, Deployment Pipelines
Database & Tools: PostgreSQL, MongoDB, Git, Wireshark, POSTMAN
Cybersecurity: Kali Linux, Linux, Ethical Hacking (basic)
AI/ML: Machine Learning, Numpy, Pandas, Matplotlib
Operating Systems: Windows, Linux, macOS

Experience

Google Cloud Cybersecurity Virtual Internship – EduSkills

2026

Virtual Intern

Remote

- Completed a virtual internship focused on cloud security concepts using Google Cloud Platform (GCP).
- Gained hands-on exposure to identity and access management (IAM), network security, and secure cloud architecture.
- Worked with cloud-based tools and labs to understand threat mitigation, monitoring, and security best practices.
- Developed foundational knowledge in securing cloud environments and implementing cybersecurity controls.

Hacker's Heist – CTF Event

2024

Technical Volunteer

Nagpur, Maharashtra

- Created digital forensics and cryptography challenges for a departmental-level Capture The Flag (CTF) event.
- Contributed to challenge design, testing, and overall event support.

Projects

TraceChain: Blockchain-Based Supply Chain Tracker | Blockchain, Smart Contracts, Web Development

2026

- Developing a blockchain-based system for transparent and tamper-proof supply chain tracking.
- Designed smart contracts to verify product movement across stages.
- Built interface to visualize product history and authenticity.

Automated Certificate Generation Tool | Python, Pandas, Pillow, FPDF

2024

- Automated personalized certificate generation using CSV data.
- Generated 500+ PDFs, reducing manual effort by 90%.

ML-Based Fall Detection System | Python, Machine Learning, Computer Vision

2024

- Developed ML model to detect falls using video surveillance.

Certifications

Fundamentals of Deep Learning – NVIDIA

Feb 2026

Credential ID: 1tO0Ys3ITkGJkXM3sgBKrQ

The Complete Python Bootcamp: From Zero to Hero in Python – Udemy

Complete JavaScript Course: From Zero to Expert – Udemy