

TEJAS SANJAY GUPTA

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SUMMARY

Python enthusiast with a strong background in developing scalable and efficient applications. Experienced in building AI-driven solutions, optimizing workflows, and automating processes. Proficient in Python libraries like TensorFlow, PyTorch, and scikit-learn. Skilled in leveraging frameworks like Django and Flask for building secure, web-based solutions. Passionate about applying Python to solve real-world problems and deliver impactful results.

EDUCATION

Bachelors of Technology in Computer Engineering	June 2025
D.Y. Patil University's Ramrao Adik Institute of Technology	9.5 CGPA
Higher Education	May 2021
Mumbai University's KM Agrawal College	91.67%

TECHNICAL SKILLS

Programming Languages: Python, SQL,
Frameworks & Libraries: React.js, Django, Pandas, Numpy, PyTorch, scikit-learn
Core Competencies: Data Structures & Algorithms, System Design, Software Development Lifecycle
Cloud & DevOps: CI/CD, Version Control, Performance Optimization, AWS

EXPERIENCE

Cybersapiens United LLP, Mumbai: Cybersecurity Engineering Intern	April 2024 – Oct 2024
<ul style="list-style-type: none">Architected Zero Trust security solutions using Python and Node.js, resulting in 25% faster processing time and 40% improved response times through OAuth 2.0 authentication and real-time threat monitoring.EnLed implementation of secure CI/CD pipelines with automated security testing, achieving 85% improvement in secure coding practices and 99.9% data availability through automated backup verification systemsManaged Agile project delivery of 12 security features with zero critical vulnerabilities; optimized system architecture to handle 22,000+ concurrent processes while maintaining data integrity.	

ACADEMIC PROJECTS

Linux System Monitor A terminal-based system monitoring, (C++, Ncurses, CMake, Linux (/proc) file system):
<ul style="list-style-type: none">Achieved 95% accuracy in real-time data display by optimizing system data parsing from Linux's /proc file system, ensuring accurate and responsive CPU and memory usage monitoring.Reduced resource consumption by 30% compared to similar monitoring tools by using efficient, lightweight C++ code and the ncurses library for text-based display.Improved update speed by 40%, delivering near-instantaneous system metrics refresh through streamlined parsing and optimized function calls.Processed and displayed data from over 22,000 system processes in real-time, showcasing scalability and handling of large-scale system environments effectively.
Cold Email Generator A LLM based Cold Email Generator, (LangChain, SQLite, streamlit, Python):
<ul style="list-style-type: none">Developed a Python-based Cold Mail Generator using Langchain and Groq to automate job listing extraction and personalized email creation.Integrated a vector database to link personalized portfolio references dynamically, enhancing email relevance and customization.Designed an interactive 3D user interface with Spline, showcasing advanced UI/UX design and Python development skills.

CERTIFICATIONS

Crash course on Python from Google	Cisco Certified Network Associate (CCNA)
Meta Certified Frontend Developer	Microsoft Cybersecurity Analyst
Google Certified Data Analyst	Harvard Business Analytics E-Diploma