

HARDIK TIWARI

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A results-oriented Cybersecurity and Computer Science student with extensive hands-on experience across the full Software Development Life Cycle (SDLC). Proven ability in Python development, RESTful API integration, data analysis, and implementing secure coding practices. Seeking to leverage a diverse technical skill set to secure a challenging role as a Software Engineer, Security Analyst, or Product Analyst.

EDUCATION

Shivalik College of Engineering, Dehradun Expected 2026
Bachelor of Technology (B.Tech), Computer Science & Engineering (Cybersecurity)
Relevant Coursework: Data Structures & Algorithms, Network Security, Ethical Hacking, Database Management Systems, Secure Coding.

TECHNICAL SKILLS

Programming & Databases: Python, C++, SQL, MySQL, PostgreSQL, Database Design	Cybersecurity: Network Security, Vulnerability Assessment, Penetration Testing, Threat Modeling, Incident Analysis, SIEM, Cryptography
Backend & Frameworks: Django REST Framework, API Development, RESTful Services	Data Science & ML: Pandas, NumPy, Scikit-learn, NLTK, Machine Learning, NLP, Data Analysis, Feature Engineering
Tools & Platforms: Git, GitHub, Postman, Docker, Odoo ERP, Shopify, Google Analytics	Methodologies: Agile, Scrum, Software Development Life Cycle (SDLC)

PROJECTS

API Development for SWEETSPOT - Infosys Springboard Project
Led backend development of a RESTful API using Django, following Agile methodologies to manage the full software development lifecycle (SDLC).
Designed the PostgreSQL database schema and integrated third-party services like the Distance Matrix API for logistics calculations.
Conducted end-to-end testing and debugging using Postman, and authored comprehensive API documentation for stakeholder alignment.

AI-Based ATS Resume Screener - AICTE & Microsoft Project
Engineered a resume screening tool using Python, NLTK, and Scikit-learn to automate candidate evaluation, applying NLP for text processing and feature engineering.
Developed machine learning models to score and rank resumes against job descriptions, performing data analysis to validate model accuracy and improve recruitment efficiency.

TECHNICAL EXPERIENCE

Infosys Springboard - Backend Developer Intern (Remote) Mar 2024 - Jun 2024
Spearheaded the API development for the "SWEETSPOT" project as Team Leader, managing the full development lifecycle from requirements gathering to deployment.
Implemented CI/CD principles for testing and contributed to project management, code reviews, and technical documentation.

AICTE & Microsoft - AI Intern (Remote) Feb 2025 - Mar 2025
Selected for the TechSaksham AI program (Microsoft & SAP CSR) to develop solutions with cutting-edge AI technologies.
Applied machine learning models and data analysis techniques to build the "AI-based ATS Resume Screener" project.

Pinnacle Labs - Cybersecurity Intern (Remote) Mar 2024 - Apr 2024
Developed and deployed Python-based security tools for text and image encryption using cryptographic libraries.
Performed vulnerability assessments and contributed to threat modeling exercises for internal applications.

CERTIFICATIONS

Google: Cybersecurity Certified, Google Analytics Certified	Cisco: Certified Ethical Hacker, Python Essentials
Security Blue Team: Blue Team Junior Analyst	EC-Council: Ethical Hacking Essentials