Tejas J Solanki

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Rajkot, Gujarat, India

SUMMARY

Final-year B.Tech IT student at Atmiya University with internship experience in cybersecurity, data science and Python backend development. Built and deployed security and ML tools including SCANFURY, AgroSense and Data Alchemy Lab, and co-lead web development at the Atmiya Developer Student Club.

EDUCATION

Atmiya University — Rajkot, Gujarat
B.Tech, Information Technology (CGPA: 7.89 / 10) — *2023 – 2027*

Sigma Educational Network — Porbandar, Gujarat
Higher Secondary Education (Science Stream) — *2022 – 2023*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, PHP, C, SQL
Backend & Web: React.js, Node.js, Flask, FastAPI, Django REST Framework, REST APIs
Databases: MySQL, PostgreSQL, MongoDB
AI / ML & Data: PyTorch, Scikit-learn, Gemini API, OpenAI API, Pandas, NumPy, Streamlit
Cybersecurity: Penetration Testing, Vulnerability Assessment, OWASP Top 10, Burp Suite, Nmap, Metasploit, Wireshark
Cloud & Tools: AWS (EC2, S3), Google Cloud Platform, Vercel, CI/CD, Git, GitHub

EXPERIENCE

Persevex — Remote
Cybersecurity Intern — *Nov 2025 – Present*

- Identified security gaps in web applications and network infrastructure through vulnerability assessments and penetration testing with Burp Suite, Nmap and Metasploit
- Built SCANFURY, a real-time URL security analyzer that detects phishing and malicious links, and deployed it on Vercel
- Turned security-log and threat-intelligence analysis into remediation reports with actionable fixes for stakeholders

Zidio Development — Remote
Data Science & Analytics Intern — *Jun 2025 – Aug 2025*

- Built a fraud detection model (Logistic Regression, Random Forest) on 20,000 financial records with a 1.44% fraud rate
- Handled class imbalance with SMOTE; evaluated with ROC AUC, confusion matrix and feature-importance ranking

BrainyBeam Technologies Pvt. Ltd. — Rajkot, Gujarat
Python Developer Intern — *May 2025 – Jul 2025*

- Cut manual effort by 30% by building Python automation scripts and REST APIs integrated with MySQL

Cyber Protectors — Rajkot, Gujarat
Cybersecurity Intern — *Feb 2025 – Jun 2025*

- Ran vulnerability scans and network traffic monitoring for client security assessments

PROJECTS

AgroSense | live | GitHub | *Python, PyTorch, Streamlit* — 2026

- Built an AI crop recommendation system fusing soil-image classification with MLP and other ML models
- Deployed it as a real-time Streamlit app

Data Alchemy Lab | live | *Python, Streamlit, Gemini API* — 2025

- Built a multi-agent AI system automating end-to-end EDA: data profiling, cleaning and visualization
- Generates written insights from the cleaned data using the Gemini API

Cloud-Based Vulnerability Scanner | *Python, AWS, Nmap* — 2025

- Designed and deployed an automated vulnerability scanner on AWS, cutting manual security assessment time by 60%

ACHIEVEMENTS & LEADERSHIP

Web Development Co-Lead, Atmiya Developer Student Club (Jan 2026 – Present): run technical workshops for 100+ students, mentor juniors in front-end and back-end development, and coordinate campus hackathons and coding events

Hackathons: CODE CARNIVAL 2 (built Quizi) | Code2Trade Hackathon

Certifications: AWS Academy Graduate – Machine Learning Foundations | Introduction to SQL | IEEE EBSCO