Vidhaan Viswas

 vidhaan-viswas | vidhaanviswas.com | vidhaanviswas9204@gmail.com | +91 9006204047

Summary

Versatile technology student with hands-on experience in software development, cybersecurity, and machine learning. Skilled in building full-stack applications, performing security analysis, and developing ML models. Strong analytical thinking, problem-solving, and documentation abilities with a consistent track record of delivering structured, reliable, and user-focused solutions.

Education

2023 – 2026	B.Tech (CSE), **PES University**	(Current CGPA: 7.32 / 10)
2019 – 2022	Diploma (CSE), **PES Polytechnic**	(Percentage: 75.1)

Experience

Research Intern – ISFCR, PES University   Jun–Jul 2025

- Contributed to security-focused software analysis by performing malware forensics.
- Worked in a collaborative research setup to enhance **data protection and system reliability**.

Technical Skills

Languages:	Python, Java, JavaScript, SQL, Bash
Software Development:	React, Node.js, Express, REST APIs, Git, Docker, Linux
Cybersecurity:	ISO 27001, NIST CSF, Risk Assessment, SIEM basics, IAM, Vulnerability Review
Machine Learning:	Scikit-Learn, Pandas, NumPy, EDA, Feature Engineering, Model Evaluation
Cloud & Tools:	GCP/AWS basics, Postman, Jupyter Notebook, VS Code, Documentation

Key Projects

- **Inventory Dashboard (React + REST APIs):** Designed a full-stack dashboard with warehouse mapping, stock tracking, authentication, and analytics. Used React, Node.js, Express, and MySQL.
- **Urban-Connect:** Engineered backend services (Spring Boot, MySQL) demonstrating strong foundations in APIs, modules, and structured backend architecture.
- **BOOKME:** Developed full-stack booking app with scalable API design; contributed to backend logic, validation, and data handling.
- **ML-Based Network Security (Capstone, Ongoing):** Python-based real-time threat detection tool using anomaly detection models; includes data preprocessing, feature extraction, and automation.

Certifications & Learning

- **Deloitte Cyber Simulation (Forage):** Practiced incident response and secure development lifecycle simulations.
- **EC-Council Ethical Hacking (ECH) – In Progress:** Learning advanced network security and vulnerability testing.

Additional Highlights

- Strong analytical and debugging skills; comfortable with complex technical problem-solving.
- Experienced in documentation, compliance-style reporting, and clear technical communication.