

# Aditya Tiwari

Berlin, Germany

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## PROFESSIONAL SUMMARY

- Passionate Cybersecurity Professional with a Master's in Cyber Security and hands-on experience in software development, application security, and risk management.
- Proficient in Python, AWS, and security tools, with expertise in Secure SDLC, ISO 27001, penetration testing, compliance auditing, and cloud security.
- Experienced in application security assessments, vulnerability exploitation, and secure coding practices.
- Skilled in developing security roadmaps and implementing SAST, container scanning, and cloud security strategies.
- Strong background in educating engineering teams, rolling out security initiatives, and collaborating with cross-functional teams.

## EXPERIENCE

### Security Engineer, Ansh Soft Tech 2022 – 2023 Pune, India

- Developing and getting involved in a roadmap for software security activities.
- Introduce and use Secure SDLC while keeping Shift-left in mind.
- Work closely with engineering teams to understand their application security needs.
- Support rolling out of security initiatives.
- Developed and implemented audit checklists and control matrices based on ISO 27001, performing gap analysis and recommending remediation plans to meet industry best practices and security compliance standards.
- Create a strategy for multiple projects, including SAST, container scanning, vulnerability assessment, and cloud security.
- Perform application security assessment on the product.
- Analyze and exploit the vulnerability that has been reported from outside sources.

### Jr. Software Developer, Naukriwaale 2021 – 2022 Mumbai, India

- Added new features and fixed changes for a gamification application that had been running for over 10 years.
- Developed an HR tool from scratch for a highly reputed client from INDIA as a front-end lead.
- Worked closely with clients to provide regular application demos and ensured their satisfaction with the progress.
- Converted the organization's internal desktop application, built on Visual Basic, to a modern Electron.js desktop application.

## SKILLS

**Programming & Scripting:** Python (3+ years), JavaScript, C++  
**Security Technologies:** Encryption & Cryptography, Network Security, Vulnerability Management, Secure SDLC, NIST, ISO 27001  
**Web Development:** Flask, Django, React, Electron.js, HTML, CSS  
**Cloud & DevOps:** AWS, Cloud Security, Container Scanning  
**Data Analysis & Machine Learning:** Pandas, NumPy, Scikit-learn, Tableau, Power BI

## EDUCATION

**Masters in Cyber Security | 2023 – present**  
Brandenburg University of Technology,  
Cottbus

**PGA Course in Machine Learning | 2022 – 2023**  
Imarticus Learning.

**Bachelor of Science in Information Technology | 2019 – 2022**  
Mumbai University | GPA - 2.0

## CERTIFICATIONS

### Penetration Testing | 2025

- [Penetration Testing Professional Certificate by Cybrary](#)

### Microsoft Certificate | 2024

- [Career Essentials in Cybersecurity by Microsoft](#).

### Hackathon Data Science | 2023

- [Ranked 5th in Pan India Hackathon Data Science.](#)

### CompTIA Security+ (SY0-601) | 2024

- [CompTIA Security+ \(SY0-601\) Cert Prep: 1 Threats, Attacks, and Vulnerabilities.](#)

### CompTIA Cybersecurity Analyst+ | 2024

- [Cert Prep: 1 Security Operations course. Acquired proficiency in Security Operations.](#)

### Docker Professional Certificate | 2025

- [Docker Foundations Professional Certificate](#)