



AAYUSH SHAH

YOUNG | DYNAMIC | ASPIRING

CONTACT

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- Ahmedabad, India

ACHIEVEMENTS

- Secured 4th Rank in Hackathon'23
- Google Certified: Cybersecurity
- IBM Certified: Cybersecurity Analyst, RDBMS
- Microsoft Certified: Networking & Cloud Computing
- University of Michigan: Python and JavaScript Course
- IONX Certified: AWS Cloud Computing, CCNA and Cybersecurity

TECHNICAL & SOFT SKILLS

- Python
- Ethical Hacking
- Network Security
- Cloud Architecture
- Digital Forensics
- Persistent
- Taking Initiatives
- Conflict Resolution
- Reliability
- Honesty and Integrity

ABOUT ME

- Driven Networking and Cybersecurity enthusiast with growing expertise in Cloud Computing and a passion for delivering secure, high-quality solutions in dynamic environments.
- Committed to continuous learning with strong abilities in technical problem-solving, project coordination, and adapting to new technologies quickly.
- I am seeking to contribute to an organization where I can apply my technical skills, cloud knowledge, and leadership qualities to become a valuable asset.

TECHNICAL EXPERTISE

Below are the programming languages and IDE on which I have worked and thus possess sound knowledge.

- Cybersecurity Tools:** Network Packet Analyzer (Wireshark), Web Vulnerability Scanners (Burp Suite, OWASP ZAP), Penetration Testing Framework (Metasploit), Web Server Scanner (Nikto), Network Mapper (Nmap)
- IR & DF Tools:** Autopsy, FTK Imager, TCPDump
- Programming languages:** Python, C, C++, JAVA, PHP, R language, Android
- Software Engineering Skills:** Requirement Gathering and Analysis, Object-Oriented Methodologies, SDLC Strategy, Planning & Leadership
- Database:** SQL, MySQL, NoSQL
- IDE:** RStudio, VisualStudio, IDLE, AndroidStudio
- Web Technologies:** HTML, CSS, JAVASCRIPT
- Research and Analysis Skills:** Data gathering, Data Cleaning, Clustering, Discovering Patterns, Data Mining, Data Analysis

EDUCATIONAL BACKGROUND

Bachelor of Science (BSc) in Information Technology 2021–2024

LJ University, Ahmedabad

- Graduated with 7.88 SPI in the final semester with an average of 7.46 CGPA during my three-year degree
- Averaged an **A grade overall** in practically aided learning labs.

Master of Science (MSc) in Cyber Security 2024 (pursuing)

NFSU University, Gandhinagar

- Developing a strong expertise in the field of cyber security through advanced coursework and hands-on experience, with a focus on areas such as network security, digital forensics, and ethical hacking. Risk assessment, and incident response.

LANGUAGES

- English
- Hindi
- Gujarati

WEB PROFILES

- GitHub: [aayush61203](#)
 - Portfolio: [My Portfolio](#)
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TECHNICAL PROJECTS

- **AI-Based Web Vulnerability Scanner: Enhancing Security Using Machine Learning – Python:** It detects OWASP Top 10 vulnerabilities using a machine learning model. It scans websites, predicts potential security issues, and generates a detailed PDF report. The tool was developed and tested on Kali Linux using libraries like aiohttp, BeautifulSoup, and ReportLab.
- **Smart Income & Expense Tracker App (Android, Kotlin, Firebase):** Developed an Android app using Kotlin and Firebase for real-time income and expense tracking with Google/Email authentication, CRUD operations, data filtering, category tracking, reports, and visual analysis.
- **Real-Time Collaboration Tool – Django (Python):** Developed a multi-role collaboration platform with admin, project manager, and user panels, task assignment, real-time user collaboration, file drive access, and task status tracking.
- **File Management System – Java:** Developed a desktop-based file management system with features like file upload, delete, and modification, along with searching, sorting, and complete file organization and control functionality.
- **Airline Reservation System – PHP, MySQL (XAMPP):** Designed a web-based airline reservation system with admin and user panels, enabling flight search, booking, cancellation, payment verification, and ticket/receipt downloads, along with admin-side bulk upload and download of flight data.

PROFESSIONAL STRENGTH

- Astounding Networking and Cybersecurity Skills through advanced courses from Google and IBM.
- Ability to learn new programming languages and systems quickly and efficiently.
- Experience in Software Development Tools such as Visual Studio, and IDLE(Python).
- Excellent team management skills to achieve developing goals and objectives with exceptional communication and organizational skills, a strong work ethic and determination to succeed.
- Experience in Data Mining Tools such as RStudio and Tableau.
- Excellent planner and coordinator.
- Efficient in presenting and making people understand.
- Able to give the best result in pressure situations.