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Madhur Haryan

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EDUCATION

Bachelor of Science in Information Technology

Mumbai, India 08.2022 – current

Viva College (University of Mumbai)

- Relevant Coursework: Cybersecurity Fundamentals, Cloud Computing, Web Security, Programming in Python & Java
- Final year projects: Arduino Smart Vacuum Cleaner Robot (Programming in C++, Environment used Arduino IDE)
- Achievements: 3rd place Hacktify, a competitive cybersecurity competition.

2nd Place - Debugging Competition (Universal MSG-SGKM College of Science, 2024)

2nd Place - College-wide presentation competition titled 'AI and Space Explorations'

PROFESSIONAL EXPERIENCE

Cybersecurity Intern Mumbai, India

Hacktify 09.2024 – 10.2024

- Conducted vulnerability assessments on live web applications, identifying and mitigating security weaknesses
- Simulated penetration testing and ethical hacking techniques to detect web application vulnerabilities
- Assisted in analysing security risks and preparing detailed reports using industry-standard tools
- Worked closely with senior cybersecurity professionals to understand real-world cyber threats and mitigation strategies
- Gained hands-on experience in network security, encryption, and authentication protocols
- Environments used: Kaali Linu

TRANINGS AND CERTIFICATIONS

- Cloud Computing (Acmegrade, IIT Bombay, 2024) Topics Covered: Basics about AWS, Database and storage management, EC2 (Amazon Elastic Compute Cloud) and VPC (Virtual Private Cloud)
- **AWS Cloud Technical Essentials** (Coursera, 2024) Topics covered: AWS Identity and Access Management (IAM), Networking on AWS, Cloud Computing, the AWS Management Console, and AWS Security
- Google's Crash Course on Python (Coursera, 2024)
- Advanced Spreadsheet Program (Keerti Computer Institute, 2022) Topics Covered: Advanced file task, functions and formulae, managing tables, data tools, sparkline, subtotals, what-if analysis, pivot tables & charts, lookup functions, conditional formatting using MS Office Excel 2013
- Maharashtra State Certificate of Information and Technology (MS-CIT, 2022) MS Office Suit (Word, Excel, PowerPoint)

SKILLS/INTERESTS

- **Programming Languages:** Python, Java, C, C++
- **Cybersecurity (Beginner):** Penetration testing, web security
- **AWS (Beginner):** Cloud Fundamentals, IAM, EC2, S3
- Tools & Platforms: Metasploit, Burp Suite, Wireshark, Nmap, MS Office
- Data & Visualization: Excel, PowerPoint
- Soft Skills: Critical Thinking & Problem-Solving, Effective Communication & Teamwork, Adaptability & Fast Learning