

Ayush Mishra

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Career Objective

As a Computer Science and Engineering student, I'm eager to apply my academic foundation and passion for software development in a challenging professional setting. I seek a role where I can use my programming skills, problem-solving abilities, and teamwork to create innovative solutions and contribute to organizational growth. I'm also keenly interested in cybersecurity and look forward to integrating its principles into my work to enhance system security.

Technical Skills

- HTML & CSS - Performed and designed various projects.
- Javascript - Used for Back-end development.
- Data Structure & Algorithms in Java.
- Java & C - known programming languages
- Tools Known-StarUML, Wireshark, Nmap.
- Coursework-Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management System, Basics of Ethical Hacking, Introduction to Cloud Security, Application security.

Projects

-Deep Dive into Keylogger and it's Detection

- The project aims to develop comprehensive understanding about keyloggers and the risks they pose.
- Developed an application which records victim's keyboard input while remaining undetected. It saves the data generated in a log file and then sends it to the attacker by creating a socket.
- Developed an application which detects the keylogger and closes the connection of victim machine with attacker.

-Testing and Analyzing Authentication Security Using Extensions

- Developed a browser extension focused on authentication security testing.
- Created functionality to replace hyperlinks and capture cookies from various websites, including YouTube.
- Implemented a feature to send captured cookies to a listener server for analysis.

-Online Shopping Website with Review and Rating Facility using HTML and CSS

- Designed and coded an online shopping website's front end using HTML and CSS.
- Implemented a review and rating system for user feedback.
- Enhanced user experience through intuitive navigation and appealing design.

Internships

- Web Developer Intern at SmartWhiz Edutech Private Limited - [Jan-Feb 2024]
- Juniper Networks Cloud Associate Virtual Internship.

Certifications

- PaloAlto Networks based Certifications.
- Fortinet Certified Associate in Cybersecurity
- Microsoft Azure Cloud Services Course Certification.
- Java DSA Masterclass from Udemy.

Achievements

- Finalist in Cython 2024- A CyberSecurity Hackathon conducted by IIT Delhi, FIIT and NTRO GOI
- Elected Head of Discipline for Cyber Security Department

Education

- **Shri Ramdeobaba College of Engineering, Nagpur**
BTech in Computer Science- Cyber Security [2021-2025]
Current CGPA: 9.28
- **Dinanath High School & Junior College, Nagpur**
12th [2020-2021] Percentage: 93%
- **Kendriya Vidyalaya, Kamptee**
10th, CBSE [2018-2019] Percentage: 86%