Aditya Goyal

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Skills

Languages: C / C++, Java, Python, GoLang, JavaScript, HTML5, CSS3, MySQL, NoSQL.

Tool & Technologies : Git, Github, CI/CD, React.js, Node.js, OOPS, Django Data structures, Linux OS.

Area of Interest: Software Development, Full-stack Development, Security Analyst.

Soft Skills: Data Analysis, Risk Managment, Communication, Numerical Skill

Personal Projects

SecretPass | *A password Manager website | MERN-stack*

- Engineered a secure password manager website utilizing the MERN stack, providing 100% security for storing and managing passwords for users. Implemented robust encryption techniques.
- Optimized backend performance, resulting in a reduction in password retrieval time. Streamlined user experience through a 100% responsive design, allowing users to access and manage passwords.

Keylogger | *A GUI Integrated Keylogger for Windows | Pynput, tkinter*

- Created a GUI-integrated keylogger using Python, leveraging Pynput and Tkinter to capture user input seamlessly. Achieved over 10,000 keystrokes for effective testing and analysis.
- Enhanced the application's accuracy and performance by optimizing input capture in Windows systems. The intuitive GUI facilitates easy monitoring and management of logged data with 100% efficiency

Work Experience

Full-Stack Engineer Intern | *Aqutrus Pharmaceuticals Pvt. Ltd, Jaipur*　　　　　　*July 2024 - Oct 2024*

- Created and Deployed a fully responsive web application using Hostinger
- Domain services from GoDaddy, ensuring optimal site performance and availability.
- **Exposure:** React.JS, HTML, CSS, JavaScript, Node.JS, Express, Web Hosting, Application Deployment, Domain.

Software Engineer Intern | *Juniper Networks, Bangalore*　　　　　　*Jan 2024 - Jun 2024*

- Optimized policy lookup time and contributed to transitioning from file-based to SQL-based systems.
- Collaborated with three departments, improving and optimizing network policy rules.
- Engineered **DHCP, TCP/IP, HTTP** and **NAT protocols** with real-time configuration setup in router implementation.
- Administered router settings to ensure seamless network connectivity and efficient IP address management.
- **Exposure:** Networking Protocols, Network Security, Routing and Switching, SQL.

Cyber Security Intern | *Edunet Foundation IBM SkillsBuild, Remote*　　　　　　*June 2023 - July 2023*

- Designed a stealthy keylogger tool. the tool discreetly operates in the background, capturing over 10,000 keystrokes and securely storing the data in a log file.
- Utilized Metasploit and 10+ payloads for penetration testing, enhancing my understanding of offensive security.
- **Exposure:** Python, Metasploit, Payloads, Wireshark, Packet Tracing, Network Analysis, GUI Development.

Microsoft Cyber Security Engage Mentee | *Microsoft, Remote*　　　　　　*May 2022 - June 2022*

- Worked with malware analysis, digital forensics, and reverse engineering tools
- successfully identifying and understanding over 10 types of malware and more than 20 viruses.
- **Exposure:** Malware Analysis, Digital Forensics, Reverse Engineering, Vulnerability Assessment, OWASP Top Ten.

Education

Manipal Institute of Technology (MIT), Manipal　　　　　　**2020-2024**

Computer Science and Engineering, Bachelors of Technology　　　　　　*CGPA: 7.84/10*

Anand Vidhya Mandir Sr. Sec. School, Bharatpur　　　　　　**2019-2020**

Science And Mathematics, XII　　　　　　PERCENTAGE*: 92/100*

Certificates and Achievements

- Co-hosted an international CTF with the *Manipal Information Security Team* with 100+ participants.
- Linux for Developers - *Coursera*
- Become a 100% Penetration Tester - *Linkedin Learning*