



## Aditya Singh

Roll No.: 201B021

Bachelor of Technology

Jaypee University of Engineering and Technology, Guna

+91-9450825224

iadityasingh13@gmail.com

GitHub Profile

LinkedIn Profile

## EDUCATION

### •Jaypee University of Engineering and Technology, Guna

2020-24

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.3

### •Allahabad Public School

2019

Central Board of Secondary Education

Percentage: 75

### •St. Joseph's College

2017

Indian Certificate of Secondary Education

Percentage: 77.4

## PERSONAL PROJECTS

### •Trojan Virus

Collaborated with a team to develop a keylogger that stores keystrokes of the user and email to the developer team..

- Tools & technologies used: Tech Stacks: Python, Linux, MIMEMULTIPART, Encoders, SMTP, Socket, Win32clipboard.
- Trojan viruses masquerade as legitimate software to deceive users, granting unauthorized access to their systems. They can cause data theft, remote control, and install more malware, exploiting social engineering to trick users into executing them.
- This Keylogger was made for Trojan Virus made for submission as minor project.

### •Network Packet Sniffer

Monitor and analyze network traffic and identify network bottleneck and detect network abnormalities

- Tools & technologies used: C, Linux.
- Security features are provided by .NET.

### •Vehicle Rental App

Developed a web app that allows users to rent vehicles with features of the ride duration, pay the dues, sending money.

- Tools & technologies used: Solidity, Binance Smart Chain, Smart contract.
- Designing a Vehicle Rental App named "Vehiclechain" for vehicle rentals, incorporating Blockchain technology. Users can rent bikes, initiate transactions on the Blockchain to check out and ride around town. Upon return, they'll check it back in, and the app will calculate ride duration, dues, and offer options to pay or credit the account in advance via smart contract..

### •Discord Bot

User friendly Bot app that automate task based on user input

- Tools & technologies used: Python, SQL, Replit (cloud), UptimeRobot.
- Used UptimeRobot to ping the bot every 5 min so it didn't sleep.

## EXPERIENCE

### •Photoshooto

Jun-Aug 2023

UI/UX Designer

Bangalore, Karnataka

- As a UI/UX designer in a company designing an app, my work involved conducting user research, creating wireframes and high-fidelity designs, developing interactive prototypes, collaborating with developers, conducting usability testing, ensuring mobile responsiveness, integrating micro-interactions, prioritizing accessibility, and maintaining design guidelines. I worked closely with the product team to align design decisions with the product's overall strategy and stayed updated with the latest design trends and best practices to continuously improve my skills and contribute to the success of the app.

### •Suvidha Foundation (Suvidha Mahila Mandal)

Dec 2022 - Jan 2023

Content Writer

Nagpur, Maharashtra

- As a Content Writing Intern at Suvidha Foundation (Suvidha Mahila Mandal), I contributed to engaging content creation for various platforms. Collaborating with the team, I produced well-researched articles, blogs, and social media updates, adapting the writing style to match the brand's voice. I also learned and applied basic SEO techniques, actively participated in team discussions, and analyzed content performance metrics, gaining valuable experience and a strong foundation in content creation principles for my future career.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C/C++, Python, Javascript, HTML+CSS, Linux, Solidity

**Cloud/Databases:** Relational Database(mysql)

**Relevant Coursework:** Cybersecurity, Computer Networking, Operating Systems, Database Management System, Software Engineering, System Design, UI/UX design, Digital Marketing.

**Areas of Interest:** Cybersecurity, Networking, Frontend Design and Development, Backend Development, UI/UX Design, Digital Marketing.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## POSITIONS OF RESPONSIBILITY

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–**CSI Deputy Secretary**, Jaypee University of Engineering and Technology, Guna *2023-2024*  
(Working for the Computer Society of India's branch JUET, where I am a Deputy Secretary of the whole club.)

–**Club Secretary**, Jaypee University of Engineering and Technology, Guna *2022-2023*  
(Working for the Computer Society of India's branch JUET, where I am a Club secretary of the BOTNET Society, a group focused on networking, ethical hacking, and cyber security)