

Jayaraj Patil

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Professional Summary

A highly motivated cybersecurity and software development enthusiast with expertise in network security, penetration testing, web development, and AI-based security solutions. Passionate about securing systems, solving complex cybersecurity challenges, and developing innovative applications. Seeking an opportunity to leverage my skills in cybersecurity and software engineering to drive impactful solutions.

Skills

- **Programming:** C, C++, Java, Python
 - **Web Technologies:** HTML, CSS, JavaScript, PHP, React.js, Django
 - **Cybersecurity & Networking:** Penetration Testing, Network Security, Cyber Threat Analysis, VMware
 - **Databases & Tools:** SQL, MongoDB, GitHub, PyCharm
 - **Operating Systems:** Linux, Windows
 - **Data Science:** Data Mining, Data Analytics
 - **Soft Skills:** Critical Thinking, Adaptability, Curiosity, Problem-Solving
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Work Experience

Intern | Internz Learn |

- Gained hands-on experience in penetration testing, threat analysis, and network security.
- Worked on real-world cybersecurity case studies and conducted vulnerability assessments.
- Used Kali Linux, Metasploit, and other cybersecurity tools to identify and mitigate security threats.

Course | Microsoft Cybersecurity Certification |

- Successfully completed a cybersecurity certification from Microsoft.
 - Developed proficiency in network security, application security, and penetration testing.
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Education

Bachelor of Computer Applications (BCA) | Seshadripuram Arts, Science & Commerce College | 2022-2024

- Aggregate CGPA: **8.46**

Pre-University Course | S. Cadambi Independent PU College | 2020-2022

- Secured **87%** and received an award for academic performance.
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Projects & Research

Research Paper: Analyzing Security Vulnerability in Mobile Browsers

- Conducted research on mobile browser exploits such as phishing, clickjacking, and tracking attacks.
- Developed and tested AI-based security solutions to enhance browser security.
- Focused on practical experiments to mitigate browser vulnerabilities.

Project: Event and complaint managing application

- Educational institutions often face challenges in event management, complaint handling, and study material distribution.

- This project aims to develop a secure web-based system that allows:
 - Faculty to host events and students to apply for events.
 - Students to submit anonymous complaints against issues they face.
 - Teachers to file complaints against students with proper identification.
 - A bot to provide study materials to students based on their department and semester.

Project: NewsApp

- Built a real-time news app using Django, HTML, and CSS.
- Integrated Google News API to fetch and display the latest news dynamically.
- Implemented the MVT architecture to store and manage news articles efficiently.
- Used Database for scalable news storage and optimized real-time data retrieval.

Project: Self Introduction website

- Developed a personal portfolio website using Django, HTML, and CSS.
- Implemented MVT architecture to dynamically display personal information and skills.
- Designed a responsive UI showcasing skills, projects, and contact details.
- Used MongoDB for efficient data storage and seamless content updates.

Additional Information

- **Languages Spoken:** English, Kannada, Hindi
- **Interests:** Cybersecurity Research, Ethical Hacking, website Development