

Karthikraja S

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Objective

Tech graduate with a focus on achieving results, I am seeking a challenging career opportunity where I can apply my coding knowledge and continue to advance my skill set. I possess a robust technical background with expertise in Linux, Cybersecurity, Git, DevOps, Docker, AWS, GCP, Computer Science, problem-solving, hacking, Java and power-shell.

Education

SKPHSS	10 th pass percentage – 78%
Udumalpet	12 th pass percentage – 81%

B.Tech in Information Technology | Present
VSBCEIT at Coimbatore

CGPA – 8.6

Professional Experience

Web development internship

FalconX Solutions, Coimbatore

It is a full-stack web development program. We worked on some basic and intermediate-level frameworks.

Machine learning workshop

Developed and facilitated hands-on workshops on machine learning concepts and algorithms for individuals with varying levels of technical expertise.

Key Skills

Python	Proficient in Python with expertise in machine learning, scripting , and software development.
Java	Proficient in Java with experience in API development , Android application development, and database management.
Development and Deployment	Familiarity with containerization and deployment using Docker , knowledge of web development basics with HTML/CSS (Front-End), and understanding of client-side scripting with Javascript .
Cyber Security Tools	Proficient in using various cyber security tools, Nmap, Burp Suite, Aircrack-ng, Zenmap , Other tools like Wireshark, John the Ripper, Metasploit , etc.
Virtualization	Familiarity with virtualization techniques, enabling me to create and manage virtual machines and environments.
Cyber Security Concepts	Cybersecurity Professional experience in network security, malware analysis, firewall, IAM, IPS, VPN and dark web intelligence .

Tools and Utilities	Familiarity with command-line interfaces and shell scripting , as well as a basic understanding of the mobile app development framework Flutter.
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Area of Interest

Cyber Security	Protecting computer systems and networks from cyber threats and vulnerabilities, including penetration testing , threat analysis , and security architecture.
Networking	Designing, implementing, and managing computer networks and protocols, including network architecture, routing , and switching .
Software Development	Software development is the process of designing, creating, testing, and maintaining software systems.

Projects

Web Crawler Link	Developed a sophisticated web crawler tool designed to access and analyze dark web media. you can find username which websites are using and you can use TOR as a proxy in chrome.
Muzii Link	Designed a user-friendly music streaming interface using Figma and Miro, conducting user research and creating wireframes, prototypes, and high-fidelity designs that improved the overall user experience. To collaborate with my classmates.
Marginal Worker Link	Assessment of Marginal Workers in Tamil Nadu using Machine Learning. Best Practices virtualize the given data set using python modules Matplotlib , Numpy , Tensorflow .
Student Management System	Developed a comprehensive student management system using Python and SQL Database . Implement a user-friendly interface to perform CRUD operations on student data

Certifications

Fortinet Certified Fundamentals in Cybersecurity-Fortinet([Certificate](#))
Fortinet Certified Associate in Cybersecurity-Fortinet([Certificate](#))
Ethical hacking-Indian Institute of Kharagpur through NPTEL. ([Certificate](#))
Certified Udemy Python developer-Udemy. ([Certificate](#))
Introduction to MongoDB – MongoDB([Certificate](#))
Java Training program-Inmakes EduTech.
The learning path in machine learning-LinkedIn.
[All linkedIn certificate.](#)

Language

- English
- Tamil