Machhindranath Kangane

mac.kangane@gmail.com | 9529728065 | linkedin.com/machhindra K | https://github.com/Machhindra

About

I am an enthusiastic and committed individual with a strong interest in IT security, DevOps, Networking, Cybersecurity. With a solid understanding of Windows and Linux Administration, I am currently pursuing a diploma in IT Infrastructure, Systems, and Security (DITISS) to further strengthen my skills and gain hands-on experience.

Education

Centre for Development of Advanced Computing (C-DAC), Pune, PG-Diploma in IT Infrastructure, Systems and Security (DITISS) — Aug 2024 – Feb 2025
- percent: 74.61

Amrutvahini College Of Engineering, Sangamner, BE Computer Engineering — Aug 2020 – Aug 2024
- CGPA: 8.8

K. B. P. V. and Jr. College, Ashvi Kd., HSC — Jun 2019 – Jun 2020
- Percent: 78.00

S. M. B. S. T Madyamik Vidyalaya Khali , SSC — Jun 2017 – April 2018
- Percent: 90.80

Training

Sunbeam Infotech (C-DAC), Pune PG-Diploma in IT Infrastructure, Systems and Security (DITISS) — Aug 2024 – Feb 2025

Skills: Computer Networking, Linux and Windows Administration, Compliance Audit, Python, MySQL, DevOps, Network Defence, Public key Infrastructure, Security Concepts Cyber Forensic.

Projects

Vehicle Insurance Fraud Claim Detection Using Machine Learning — github.com/Machhindra

proposed system utilizes a Random Forest classifier trained on a labeled dataset for fraud detection in car insurance. An 80-20 train-test split is applied to evaluate model performance. This approach improves prediction accuracy by leveraging feature-based classification techniques.

Tools Used: Django, Machine Learning, Web Technologies

- **Deploying application on Docker and Kubernetes with Jenkins CI/CD pipeline using DevSecOps Practices** — github.com/Machhindra

  Deploying applications with Docker, Kubernetes, and Jenkins CI/CD ensures secure automation with DevSecOps. The pipeline builds, tests, scans (Trivy, SonarQube, OWASP), and deploys via kubectl. Monitoring with Prometheus Grafana maintains system health and compliance.

  Tools Used: Docker, VMware, Kubernetes, Jenkins

Technologies

- **Languages:** Python, MySQL, Bash Scripting, YAML.

  Tools: Cisco Packet Tracer, AWS, Git, Putty, Burp Suit, Wireshark, , SEToolkit, Zphisher, Metasploit, Jenkins

  Technologies: Cloud Computing, Virtualization, Docker, Kubernetes, TCPdump, Iptables, Nagios, Snort

  OS: Ubuntu, Debian12, Fedora, Kali Linux, Windows-server, ClearOS, Android .