

JESHTA K

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Linkedin

EDUCATION

JSS Academy of Technical Education

Artificial Intelligence & Machine Learning Bachelors

CGPA: 7.2

Bengaluru

Dec 2022 - Present

Sri Chaitanya PU College

PCMIP Pre-University

Percentage: 78%

Bengaluru

June 2020 - March 2022

Sri Chaitanya Techno Curriculum

CBSE 10th

Percentage: 79.6%

Bengaluru

June 2019 - Feb 2020

EXPERIENCE

DevOps | Internship Studio | Project Intern

Bengaluru, India | Sep 2024 - Oct 2024

- Introduction through SDLC, configured and monitored application performance.
- Launched and trained model on **AWS EC2 instance** console, for better efficiency and easy access.
- Designing project stucture using **Maven** build tool, and optimizing scalable CI/CD pipelines through Jenkins.
- Utilized **Jenkins pipeline** for integration of CD from building to deploying applications, **Tomcat** for manual web deployment to the server

SKILLS

Programming Languages: Python, C, Java, Linux, CSS, HTML

Libraries/Frameworks: Numpy, Pandas, Scikit-Learn, Scapy, Snort, OpenSSL, Tkinter, MySQL

Tools / Platforms: Git, Github, V S Code, Jupyter Notebook, Jenkins

Databases: SQL, sqlite3

PROJECTS / OPEN-SOURCE

Intrusion Detection System (IDS)

Python, GitHub

- Designed and implemented an **IDS** to monitor network traffic and detect anomalous behavior using **sniffing** tools, enhancing cybersecurity.
- Utilized **Scapy** for real-time threat detection, including suspicious ports that causes malicious activities.
- Developed robust **Zeek log** analysis and **Snort alert** systems for automated warning reporting.
- Optimized performance through **Threading** protocol filtering and efficient feature extraction, achieving high detection accuracy.
- Conducted rigorous testing with **Npcap Sniff** attacks to ensure system reliability and scalability.

CERTIFICATIONS

- Foundations of cybersecurity - **Coursera**
- Introdcion to Generative AI with GPT - **Linkedin Learning**
- Introduction to Artificial Intelligence - **Linkedin Learning**

HONORS & AWARDS

- Participated in GeeksForGeeks Hackathon
- Participated in TATA Crucible Campus quiz