MOHAMMED FAIZAL J

An Cybersecurity Learner

Contact

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Education

B.E.CSE (Cybersecurity)
Saveetha Engineering College
2022 - 2026

Skills

- Networking
- Cloud Computing
- Virtualization
- IIS Web Server
- Web Development

Certifications

- AWS Cloud Practitioner
- NPTEL Cloud Computing
- MongoDB Basics
- Introduction to Data Science

About Me

I am a third-year CSE-Cyber Security student at Saveetha Engineering College, focusing on networking, cloud computing, and security. With excellent analytical skills and a thorough attention to detail, I am committed to remaining up to date on emerging technologies and cybersecurity best practices. My hands-on experience includes network security, cloud platforms (AWS and Azure), ethical hacking, and compliance with security frameworks. I hope to use my knowledge to solve complicated security concerns while always improving my technical skills in this fast-paced sector.

Work Experience

Feb 2023 - Mar 2023
Nearby Technologies. Pvt. Ltd.
Internship

- Gained hands-on experience in Networking Routing and Switching, configuring and managing Wireless Technology solutions.
- Worked with AWS and Azure cloud platforms, focusing on basic services and functionality.
- Acquired foundational knowledge in Information Technology Infrastructure Library (ITIL) for effective IT service management.
- Implemented and configured RADIUS and Network Policy Server for network authentication and security.

Jun 2024 - Jul 2024
Arjun Vision Teach Solutions
Internship

- Conducted ethical hacking activities, including penetration testing, vulnerability assessments, and exploit analysis to identify and address security weaknesses.
- Actively participated in incident response processes, providing analysis and mitigation strategies to handle security threats.
- Gained hands-on experience with various tools and technologies used in cybersecurity, enhancing practical knowledge and technical expertise.
- Applied defensive strategies to protect systems and data, focusing on risk management and adherence to security frameworks.

Publications

Conference Paper: DDoS Prevention Using AI
Cybersecurity Conference, 2024

- **Description:** Authored and presented a paper focusing on the application of AI techniques for preventing Distributed Denial-of-Service (DDoS) attacks. The research introduced novel AI-driven security methodologies within the cybersecurity domain.
- **Contribution:** Presented research findings and methodologies, contributing to academic and professional discussions on advanced AI-based security solutions.

Volunteer Work

Technical Event Organizer, Drestine (2023)
LIFE ENCODERS

- Organized a technical event focused on cybersecurity and network troubleshooting at Saveetha Engineering College.
- Designed the challenge where participants were given an encrypted text file; the objective was to decrypt the file and find the correct password.
- Guided participants to use the decrypted password to connect via SSH to a computer within the same network, testing their skills in encryption, decryption, and secure network access.
- Facilitated a hands-on learning experience for over 30+ participants, enhancing their understanding of encryption and network security.

References

GitHub

https://github.com/MohammedFaizal05

Linkedin

www.linkedin.com/in/mohammed-faizal-b54681269