



# MOHANISH K

AN CYBERSECURITY LEARNER



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## SKILLS

Cloud Computing



Networking



Hosting



API Developing



Software Engineering



## CERTIFICATION

📖 [Getting Started with Linux Terminal](#)

📖 [Automation Scripts Using Bash](#)

📖 [Command Line in Linux](#)

📖 [Shell Scripting with Bash: Basics](#)

📖 [JavaScript for Beginners](#)

University of California, Davis -

Specialization Certificate

[ Coursera ] - 4 Certifications

📖 [Programming Foundations with JavaScript, HTML and CSS](#)

📖 [Docker for absolute beginners](#)

📖 [Digital Transformation with Google Cloud](#)

## PROFILE

I am a cybersecurity student with hands-on knowledge of SOC tools such as SIEMs, IDS/IPS, and vulnerability scanners. I am currently expanding my skills by learning Palo Alto security technologies. I also have experience in API integration and ensure secure and efficient solutions that align with organizational goals.

## EDUCATION

### BE - CSE (CYBERSECURITY)

Sep 2022 - Present

Saveetha Engineering College

- CGPA: 8.1
- In-depth coursework on network security, cryptography, and ethical hacking, providing a strong foundation in protecting and securing digital information.

## PROJECTS

### Neuroshield-EDR

- Flask-based AI-driven Endpoint Detection & Response (EDR) system with automated analysis, decision-making, and MongoDB integration.
- Gemini AI + Webhook automation for generating remediation steps and triggering security workflows.

### CyberRecon

- End-to-End Automation – Handles reconnaissance, vulnerability scanning, exploitation, and reporting in one framework.
- Modular Architecture – Flexible design allows easy integration of custom tools and modules.
- Security Team Focused – Speeds up threat identification, validation, and documentation for researchers and red teams and Generate Comprehensive Reporting

## CERTIFICATION

- 📖 [Databases and SQL for Data Science with Python](#)
- 📖 [Programming Foundations with JavaScript, HTML and CSS](#)
- 📖 [Interactivity with JavaScript and jQuery](#)

## EVENTS

-  Life Encoders - Drestein`23  
[Saveetha Engineering College](#)
-  Metchiramer - SSE  
[Saveetha School of Engineering](#)
-  Non Technical  
[Saveetha Engineering College](#)

## LANGUAGES

Tamil

English

Hindi

## EXPERTISE

- Cybersecurity
- Networking
- API Development
- Software Designing
- Web Development
- Web Hosting
- Virtualization
- Docker Depoly

## DECLARATION

I hereby declare that all the information provided above is true and correct to the best of my knowledge and belief.

SINCERELY,

**MOHANISH K**

## PROJECTS

### NetArmor

- Modular script collection for network and system hardening.
- Developed a cross-platform network hardening toolkit with automated scripts for Linux and Windows security.
- Implemented modules for firewall configuration, SSH security, intrusion detection, and patch management.

### Google Photos Direct Downloader

[Project Link](#) 

- Built a secure media proxy with signed, expiring links, rate limiting, and replay protection.
- Proxied Google Photos assets under custom domain with CDN caching and optional resizing.
- Enhanced reliability and control with IP allowlists, one-time links, detailed access logs, and analytics for secure and auditable media delivery.

### Python Telegram BoT

forked from pyro bot

- Developed a Python-based Telegram bot by forking from the Pyro bot, adding features for automated messaging and user interaction.
- Deployed the bot to streamline communication and provide automated services on the Telegram platform.
- Auto Reaction Function is Added

### Third Party Website Development for Company

As a Beginner Developer

- Designed and developed the back-end and front-end of a third-party website for a company, ensuring seamless integration and functionality.
- Implemented user-friendly interfaces and robust server-side logic to enhance the overall user experience and operational efficiency.

## CONFERENCE PAPER

[Published](#) **SPRINGER NATURE**

- Authored a conference paper focusing on innovative approaches to DDoS prevention using artificial intelligence techniques within the field of cybersecurity.
- Presented research findings and methodologies at a cybersecurity conference, contributing to the academic and professional discourse on AI-driven security solutions.