

Mohammed Sahal P A

Thrissur, Kerala, India

Objective

Security Enthusiast who loves to make, break and hack stuff, currently focused on **network security**, **malware analysis**, and **digital forensics**. Passionate about securing systems, uncovering vulnerabilities, and building IoT projects.

Education

Universal Engineering College, Kerala

Expected Graduation: 2027

B.Tech Computer Science

St. Joseph's HSS, Kerala

Graduated: 2023

Computer Science Stream

Relevant Coursework (Ongoing/Planned):

- Computer Networks, Operating Systems, Network Security
- Malware Analysis, Web Security, System Programming, Reverse Engineering

Technical Skills

- **Programming Languages:** Python, C, Go(Learning) , JavaScript
- **ToolKit:** Next.js, SvelteKit, Django, Flask, Expo
- Understanding of security tools and fundamentals
- Familiar with general workflow tools and platforms

Experience

Developer Intern – Efuturex Technologies Pvt. Ltd

Kodungallur, Kerala

Apr 2023 – Oct 2023

- Developed client based web-applications using **Django**, **PostgreSQL**, and **SvelteKit**.
- Contributed to an internal **ERP system** by building employee management integrations.
- Enhanced web-apps with **Next.js** and API integrations using **Django REST Framework**.

Projects

HomeLab Setup(Virtualized)

Tech: Proxmox, docker

Spin up needed tools, services and technologies on my local network for practical learning.

Malware Analysis Lab Integration

Tech: Ghidra, REMnux

Sandbox environment to analyze PE files and dynamic malware behavior (registry keys, API calls, etc.) built as an integration for my home lab.

Certifications & Learning

- Cisco Packet Tracer Essentials – Self-Paced (*In Progress*)
- TryHackMe Labs: Network Security, Pentesting Paths (*Ongoing*)

Extra-Curricular

- Write technical blogs at mohdsahlpa.github.io on cybersecurity tooling, networking labs, and hands-on experiments.
- Participate in Capture The Flag (CTF) events and document them as a writeup.
- Build IoT-based electronics prototypes with focus on security auditing and automation.

Links & Online Presence

- **GitHub:** github.com/mohdsahlpa
- **Blog:** mohdsahlpa.github.io
- **LinkedIn:** linkedin.com/in/mohammedsahalpa