

Ahmad Syamim bin Mohd Nizam

Computer Science Student · DevOps & Infrastructure · DevOps Intern

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SUMMARY

Final-year CS student at UiTM Shah Alam specialising in DevOps. I build automated CI/CD pipelines and containerised deployments, and run a self-hosted Debian server with 40+ Docker containers behind a hardened Nginx stack and Cloudflare Tunnel, monitored with Prometheus and Grafana. Strong security foundation: my pipelines integrate SAST and container scanning. I also take on remote freelance DevOps and fullstack work on weekday evenings and nights, and all day at weekends, contact details above.

PROJECTS

Debian Homeserver (Maintained)

Technologies: Debian Linux, Docker, Nginx, UFW, Fail2ban, CrowdSec, Tailscale, Cloudflare, Vaultwarden, Prometheus, Grafana, Loki, Umami, Bash

- Self-hosted Debian server running 40+ Docker containers behind a hardened Nginx reverse proxy and layered network security, with private VPN access, observability via Prometheus, Grafana, and Loki, and a Cloudflare Tunnel exposing zero inbound ports.
- GitHub: <https://github.com/syamxm>

TaskFlow (Maintained)

Technologies: MongoDB, Express, React, Node.js, Docker, Nginx, GitHub Actions, Semgrep, Trivy, Gitleaks, JWT

- MERN task manager with a security-gated CI/CD pipeline: Gitleaks secret scanning, Semgrep SAST, and Trivy misconfiguration and image CVE scans all block deploy on HIGH or CRITICAL findings.
- GitHub: <https://github.com/syamxm/taskflow>
- Live demo: <https://taskflow.syamxm.com>

Portfolio Website (Maintained)

Technologies: Node.js, Express, PostgreSQL, Docker, GitHub Actions, Tailscale, Cloudflare, CI/CD

- Data-driven CV and one-page resume served from a single REST API, auto-deployed by a GitHub Actions pipeline to a self-hosted server and published through a Cloudflare Tunnel.
- GitHub: <https://github.com/syamxm/cv-api>
- Live demo: <https://cv.syamxm.com>

Student Reminder System (Maintained)

Technologies: Flutter, Dart, Python, FastAPI, Redis, Docker

- Flutter timetable and push-notification app for UiTM students, backed by a Dockerised FastAPI service.
- GitHub: https://github.com/syamxm/student_reminder_system

BeanThere (Maintained)

Technologies: PHP, MariaDB, TailwindCSS, Docker

- Coffee shop web app: online ordering, loyalty rewards, AI drink recommender, and a full CI/CD pipeline with security scanning on a self-hosted server.
- GitHub: <https://github.com/syamxm/BeanThere>
- Live demo: <https://beanthere.syamxm.com>

EXPERIENCE

Exam Invigilator

Community Tuition Group, Selangor
May 2025

- Supervised an exam hall of 20+ students independently, managed seating, distributed materials, and maintained order throughout

Part-time Crew Member

Subway, Eco Grandeur, Puncak Alam
April 2022 – July 2022

- Handled high-volume peak operations from opening to closing with consistent accuracy and speed
- Coordinated with team members to keep daily operations running during peak hours

EDUCATION

Universiti Teknologi MARA (UiTM)

Bachelor of Computer Science (Honours), Shah Alam, Selangor, CGPA 3.66
October 2023 – Expected March 2027

- Dean's List every semester
- Final Year Project: C-Aegis, Android parental monitoring app

Universiti Teknologi MARA (UiTM)

Foundation in Engineering, Dengkil, Selangor, CGPA 3.81
August 2022 – June 2023

- Top 10% of faculty cohort
- Ranked 1st in cohort during 2nd semester

SMK Saujana Utama

SPM (Malaysian Certificate of Education), Saujana Utama, Selangor
2022

- Achieved 8A out of 9 subjects

SKILLS

Infrastructure & DevOps: Docker, Linux, CI/CD (GitHub Actions), Self-hosted Infrastructure, Network Security (UFW, Fail2ban, CrowdSec, Tailscale), Nginx, Cloudflare, Git / GitHub, Observability (Prometheus, Grafana, Loki)

Security: Nmap, SAST (Semgrep), Trivy (SCA/Image/IaC), Gitleaks

Frameworks & Tools: Express.js / Node.js, FastAPI, Spring Boot, React, PostgreSQL, MongoDB, Flutter, Android, Firebase, REST API Design, JWT Authentication, MERN Stack, Postman

Languages: JavaScript, Python, Java, Go, C++, Kotlin, Dart, SQL, Bash, HTML / CSS

LANGUAGES

- English (Fluent)
- Malay (Native)