ABDULRAHMAN FAHIM

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PERSONAL PROFILE

I am a 13-year-old developer specializing in **DevSecOps**, Linux systems, and **Full-Stack Engineering**. I am a self-driven learner focused on building secure, high-performance web applications and automating delivery pipelines using modern CI/CD tools and virtualized infrastructure.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, Vite, HTML5, CSS3, JavaScript (ES6+).
- **Backend:** **Node.js**, Express, REST APIs.
- **Databases:** **MongoDB** (NoSQL), **PostgreSQL** (SQL).
- **DevSecOps & CI/CD:** **Jenkins**, Automated Pipelines, Linux Hardening, Git/GitHub.
- **Virtualization:** Proxmox VE (VMs & LXC Containers), Docker basics.
- **Networking:** SSH, DNS Management, Port Forwarding, Bash Scripting.

TECHNICAL EXPERIENCE

Full-Stack Development & Data Architecture *2024 – Present*

- Developed scalable backends using **Node.js**, creating efficient API endpoints for frontend consumption.
- Architected database schemas using **MongoDB** for flexible data storage and **PostgreSQL** for relational data integrity.
- Connected modern React/Next.js frontends to secure database layers to create dynamic, data-driven applications.

DevSecOps & Automation Pipelines *2024 – Present*

- Implemented CI/CD workflows using **Jenkins** to automate code testing and deployment processes.
- Focused on **DevSecOps** principles by performing Linux server hardening and integrating security checks into the development lifecycle.
- Automated system administration tasks using Bash scripting to optimize server resource management.

Linux Systems & Virtualization *2023 – Present*

- Utilize Proxmox to manage a fleet of virtual machines (VMs) and containers for sandboxed development.
- Experience in managing headless (CLI-only) Debian and Ubuntu systems with a focus on high availability.
- Configuration of secure remote access protocols and internal network routing.

EDUCATION & LEARNING

Independent Technical Study
100% self-taught through documentation (Node.js Docs, Jenkins User Guide, PostgreSQL Wiki) and hands-on laboratory experimentation. Focus areas: Full-stack security, database optimization, and automated infrastructure.

KEY ACHIEVEMENTS

- Successfully integrated full-stack logic (Frontend, Backend, and Database) into personal production environments.
- Built a private lab infrastructure capable of running automated Jenkins pipelines for software testing.