

KHAWLA SARHAN

Full-Stack Developer | MERN Stack & DevOps

Networks Engineer transitioning to Software Development

khawlasarhan92@gmail.com | +963937312600 | 🌐 Damascus, Syria

LinkedIn: linkedin.com/in/khawla-sarhan-fullstack

GitHub: github.com/khawlasarhan92-dev

PROFESSIONAL SUMMARY

,Computer Networks Engineering graduate with government sector IT experience
now specializing in Full-Stack Development and DevOps practices. Self-driven
learner with proven ability to build production-ready applications from concept
to deployment. Strong analytical foundation from networking background applied
.to modern software development workflows

TECHNICAL SKILLS

:Frontend Development

- 3React.js, JavaScript (ES6+), HTML5, CSS •
- Next.js, TypeScript, Tailwind CSS •
- Responsive Design, Modern UI/UX •

:Backend Development

- Node.js, Express.js, RESTful APIs •
- MongoDB, Redis Toolkit, Database Design •

(Authentication & Security (JWT •

(Real-time Features (Socket.IO •

:DevOps & Deployment

Docker & Containerization •

Kubernetes Orchestration •

(CI/CD Pipelines (GitHub Actions •

Nginx Reverse Proxy & Load Balancing •

Production Deployment Strategies •

:Tools & Technologies

Git Version Control, GitHub •

VS Code, Postman, MongoDB Compass •

Linux/Windows Server Administration •

Network Protocols & System Design •

PROJECTS

2025 DevOps Practice - Full-Stack Task Management Application Nov

GitHub: <https://github.com/khawlasarhan92-dev/DevOps-Practice>

Built production-ready MERN stack application with responsive React frontend •

Developed RESTful API with Node.js/Express handling CRUD operations •

Implemented MongoDB database with optimized data modeling •

(Created complete Docker containerization for all services (Frontend, Backend, DB, Proxy •

Built automated CI/CD pipeline with GitHub Actions including testing & deployment •

Configured Kubernetes manifests for scalable cloud deployment •

Set up Nginx reverse proxy with load balancing and security headers •

Demonstrated modern DevOps practices from development to production •

,Technologies: React.js, Node.js, Express, MongoDB, Docker, Kubernetes
3GitHub Actions, Nginx, JavaScript, HTML5, CSS

2023-2024

Social Platform & E-commerce Applications

Portfolio: <https://my-portfolio-b6a.pages.dev>

- Developed two complete web applications: social platform and e-commerce store •
- Implemented real-time features using Socket.IO for live user interactions •
- Built secure authentication systems with JWT and user management •
- Applied Redux Toolkit for complex state management •
- (Deployed applications on cloud platforms (Render, Cloudflare •

Technologies: MERN Stack, Socket.IO, Redux Toolkit, JWT Authentication

PROFESSIONAL EXPERIENCE

Full-Stack Developer (Self-Directed Projects)

Apr 2023 - Present

Personal Development | Damascus, Syria

- Career Transition: Successfully transitioned from IT operations to software •
- development through intensive self-learning and hands-on project building
- Technical Mastery: Achieved proficiency in MERN stack and DevOps practices •
- through real-world application development
- Problem Solving: Applied analytical skills from networking background to •
- debug complex applications and optimize system performance
- Continuous Learning: Maintained up-to-date knowledge of modern development •
- practices, containerization, and cloud deployment strategies

2023 - 2016

IT Specialist

Government Sector | Damascus, Syria

- Managed IT infrastructure and general computing operations •
 - Provided technical support for government systems and applications •
 - Gained experience with system administration and troubleshooting •
 - Developed strong analytical and problem-solving skills in technical environments •
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EDUCATION

2015 - 2010

Bachelor's Degree in Informatics Engineering

Aleppo University, Syria

Specialization: Computer Networks & System Design

,Relevant Coursework: Data Structures, Software Engineering, System Design

Network Protocols, Database Systems

Strong technical foundation in system architecture and network protocols
that enhances understanding of full-stack application development and
.deployment strategies

ADDITIONAL QUALIFICATIONS

- Self-Learning Excellence: Proven ability to master complex technologies independently •
- Cross-Platform Development: Experience with both web and system-level technologies •
- Bilingual: Native Arabic, Professional English •

- Problem-Solving: Strong analytical approach from engineering and IT background •
 - Team Collaboration: Experience working in structured government environment •
 - Adaptability: Successfully transitioned career focus while building on existing strengths •
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CAREER OBJECTIVE

Seeking Junior/Entry-Level Full-Stack Developer position where I can contribute my technical foundation, self-learning ability, and passion for modern web development. Ready to apply DevOps knowledge and networking background to build .scalable, efficient applications in a collaborative team environment