Sidra Muhmad Jehad Housh



Full-Stack Developer

Damascus, Syria | 0995 752 105 | sidrahoush@gmail.com

PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with hands-on experience across backend and frontend architecture, software quality assurance, and automation. Background in Computer Science and Telecommunications Technology, with experience spanning telecom infrastructure, web development agencies, and freelance projects for clients in Saudi Arabia, the UAE, and Jordan. Skilled in designing scalable RESTful APIs, optimizing databases, implementing CI/CD pipelines, and writing clean, maintainable code.

SKILLS

- Programming Languages: JavaScript (ES6+), TypeScript, Python, PHP, Java, SQL, HTML5, CSS3/SASS
- Frontend: React.js, Next.js, Vue.js, Redux Toolkit, Tailwind CSS, Bootstrap, Material-UI
- Backend: Node.js, Express.js, Django, Laravel, RESTful APIs, GraphQL, Microservices Architecture
- Databases: PostgreSQL, MySQL, MongoDB, Redis, Prisma, Sequelize
- DevOps & Tools: Git, GitHub, Docker, CI/CD Pipelines, Linux/Unix Shell Scripting, Postman, Webpack, Vite
- Testing & QA: Jest, Cypress, Mocha, SonarQube, Code Review, Unit and Integration Testing
- Methodologies: Agile/Scrum, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Clean Architecture

PROFESSIONAL EXPERIENCE

Software Quality Assurance & Code Review Engineer — Afkar

Damascus, Syria

- Conducted code reviews and static code analysis using tools such as SonarQube to enforce coding standards, security practices, and maintainability.
- Designed and executed unit, integration, and automated end-to-end (E2E) test suites using Jest and Cypress, reducing production bugs by over 30%.
- Evaluated software architecture, identified performance bottlenecks, and refactored legacy codebases to improve execution efficiency and system responsiveness.
- Collaborated with cross-functional development teams to establish Test-Driven Development (TDD) protocols and streamline bug-tracking workflows.

Web Development Specialist / Full-Stack Developer — CodeMe TK

Damascus, Syria

- Engineered scalable, responsive, and high-performance web applications using React.js, Node.js, and modern CSS frameworks.
- Architected secure RESTful APIs and integrated third-party services, payment gateways, and authentication protocols (OAuth2, JWT).
- Optimized frontend rendering performance, lazy loading, and asset bundle sizes, improving site load speed and core web vitals.
- Managed relational and non-relational database models (PostgreSQL, MongoDB), writing complex queries and indexing strategies for optimized data retrieval.

Automation & System Integration Engineer — MTN

Damascus, Syria

- Designed and implemented automated scripts and internal workflows using Python and Shell scripting to streamline telecom operations and data processing.
- Built internal web dashboards to monitor system logs, automated tasks, and network metrics in real time.
- Integrated automated notification systems and database synchronization pipelines, minimizing manual intervention and human error across enterprise operations.
- Partnered with cross-departmental teams to identify operational inefficiencies and engineer custom automation tools.

Freelance Full-Stack Developer — Regional Clients — Saudi Arabia, Jordan, GCC

Remote

- Developed end-to-end custom web and mobile-responsive applications for clients across Saudi Arabia, Jordan, and the Gulf region.
- Delivered e-commerce platforms, management systems, and SaaS applications from requirement gathering through deployment and server provisioning.
- Implemented state management solutions (Redux, Context API) and built modular UI components to enhance user experience.
- Provided ongoing maintenance, security patching, cloud deployment (AWS/DigitalOcean), and API integrations for client projects.

PROJECTS

- Enterprise Resource Management Dashboard — Full-stack real-time analytics dashboard built with React, Node.js, and PostgreSQL, featuring role-based access control (RBAC).
- Automated Data Processing Pipeline — Python-driven automation system for telemetry data processing, reducing manual workflow hours by 40%.
- Cross-Border E-Commerce Platform — Multi-currency, scalable web application serving clients in the Saudi and Jordanian markets.

EDUCATION

Bachelor of Science in Telecommunications Technology Engineering

Syrian Virtual University

Associate Degree in Computer Science / Information Technology

Syrian Virtual University — Graduated with Excellent standing, 2025

LANGUAGES

English — Professional Proficiency