Ali Abdelaal Mohamed

Software Engineer

alikassab155@gmail.com | LinkedIn | GitHub |Portfolio | Giza, Egypt | +201010044102
Military Status: Exempted

TECHNICAL SKILLS

- **Languages:** Java, C#, JavaScript (ES6+), TypeScript, C++.
- **Backend & Frameworks:** (.NET), ASP.NET Core | Spring Boot, Spring Security, Spring Data JPA | Node.js, Express.js, NestJS.
- **Security & Auth:** JWT, OAuth 2.0, RBAC, Auth0.
- **Databases & ORM:** MySQL, PostgreSQL, SQL Server, MongoDB, Redis, Hibernate (JPA), Entity Framework.
- **DevOps & Cloud:** Linux, AWS, Docker, Kubernetes, Terraform, Ansible, Prometheus, Grafana, Loki, CI/CD, Git, GitHub Actions.
- **Application Support & Operations:** Production Support, Log Analysis, APM, Incident Management, Root Cause Analysis (RCA), System Monitoring.
- **APIs & Tools:** Stripe API, Twilio, Socket.io, SSE, Postman.
- **Frontend:** HTML5, CSS3, React, Next.js, Tailwind CSS, Bootstrap, Material UI (MUI).
- **Software Engineering:** SOLID Principles, Design Patterns, Algorithms, Data Structures, OOP, Unit Testing, Technical Documentation, Code Reviews, Problem-Solving.

WORK EXPERIENCE

DevGlobal LLC | **Software Engineer** *Remote | 04/2024 – Present*

- Architected a Multi-tenant SaaS backend for 1,000+ tenants, achieving 99.9% uptime and 40% faster data isolation using Node.js and Express.
- Developed 50+ modular RESTful endpoints, reducing frontend integration time by 30% through structured Postman Collections and automated API documentation.
- Implemented JWT with RBAC, enhancing system security and reducing unauthorized access risks by 45% across all microservices.
- Integrated Stripe API to automate billing, reducing manual payment processing errors by 25%, and deployed Socket.io for real-time alerts.
- Built a Jira-like platform using Cron jobs for background tasks, increasing team task-tracking efficiency by 20%.
- Designed a real-time notification system using Server-Sent Events (SSE) and Twilio Webhooks.
- Engineered automated scheduling workflows for Peterson Roofing, resulting in a 35% increase in daily operational service capacity.

Freelance Projects: True Social (Spring Boot/Security/JWT REST API); Vet Connect (Clinic Management System with secure RBAC).

EDUCATION & CERTIFICATIONS

- Computer Science Foundations Course	Code Chef	**07/2022 – 02/2023**
- Advanced Full-Stack Web Development Program	Route Academy	**12/2022 – 12/2023**
- Bachelor of Commerce	Sohag University	**09/2016 - 07/2020**