MOHAMMED SEOUD KHALIFA
SOFTWARE ENGINEER

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MohamedSeoud

SUMMARY

Experienced Software Engineer with over 2 years of expertise in programming, databases and cloud computing solutions using a variety of Languages, proven troubleshooting and debugging capabilities for resolving complex technical issues.

EXPERIENCES

Creative Way Ad   Website   Riyadh, Saudi Arabia

- SOFTWARE ENGINEER   Experience Certificate   09/2023 - Present

- Collaborates with relevant stakeholders to define user requirements for designing specific features.
- Implement best practices for application deployment and maintenance on IIS, working with other developers to ensure seamless integration.
- Develops and implements code for a product, service, or feature, leveraging reusable code when possible.
- Contributes to breaking down larger tasks into smaller ones and provides estimation for the effort involved.

- Frontend Web Developer   06/2022 - 09/2023

- Deliver top-notch, thoroughly tested, secure, and sustainable code.
- Collaborate with leadership and product owners to meet business requirements while upholding engineering standards and reducing technical debt.
- Explore and propose innovative technologies to enhance our tech stack's efficiency and effectiveness.
- Developing & designing comprehensive full-stack services to create captivating user experiences.
- Configure and manage IIS to host and deploy web applications,
- Optimize IIS settings for performance, security, and reliability.

- Projects   b2b-egy   echoegyp   idecoqa.com   ibnalsham

- Collaborated with UX designers to redesign key application features, increasing user engagement by 25% as measured by user interaction metrics.
- Established and enforced coding standards and code review processes that reduced bugs in production by 40%, leading to more stable and maintainable software.
- Introduced new security protocols for web applications hosted on IIS, achieving 100% compliance with industry security standards and reducing security vulnerabilities by 60%.
- Designed and developed scalable web applications that supported a 200% increase in user base without performance degradation.
- Focused on enhancing search experiences worldwide through advanced ML technologies like deep learning models, aiming to deliver competitive and differentiated search quality experiences.
- Implemented automated deployment pipelines using Jenkins, which decreased deployment time by 50%, allowing for more frequent and reliable releases.
- Optimized web application performance, resulting in a 30% reduction in page load times, improving user experience and retention rates.

Vinci - Energy Industry [Website ↗](#)   ⊘ Cairo, Egypt

- SOFTWARE ENGINEER   🔗 [Experience Certificate](#)   📅 07/2021 - 11/2021

- Support in the development of functions and algorithms in C, C++ and Matlab/Simulink
- Troubleshoot deployment issues and ensure successful application launches, supporting fellow developers in the deployment process.
- Analysis of requirements / standards
- Development, implementation, commissioning and verification of a selected software solution
- Maintenance of Matlab/Simulink libraries
- Participate in designing and developing complex software solutions.

SKILLS

- Technical Skills

- **Domain Knowledge:** eCommerce, Education, Manufacturing, Supply Chain, Retail, Marketing
- **Architecture:** Microservices, Clean Architecture, DDD, TDD, CQRS, SOLID, DRY, Algorithm , Data Structures
- **Web:** HTML, CSS, SCSS, Bootstrap, JavaScript, jQuery, TypeScript, Tailwind
- **Frontend:** Angular, React, ASP.NET - Web Forms, MVC, ASP.NET Core – MVC, Razor Pages
- **Backend:** .NET Framework, .NET Core, C#, VB.NET, Node, API – REST, GraphQL, gRPC
- **ORM:** Entity Framework, Dapper   **Reporting:** Crystal Reports, Power BI, HTML/JS Based
- **Database:** SQL Server (Advanced T-SQL), MySQL, PostgreSQL, Redis, MongoDB
- **Message/Event Brokers:** RabbitMQ, Azure - Service Bus   **Agile Methodology:** Scrum, Kanban
- **Source Control:** TFS, Git, GitHub, Azure Repos, Branching Strategies   **Testing:** xUnit
- **Azure:** • Azure: App Service, Function, Storage, APIM, CDN, Key Vault, App Configuration, etc.
- **Deployment:** Azure DevOps, DNS Management, SSL, IIS, cPanel, WampServer, Docker, Kubernetes, Azure Pipelines
- **Deployment Strategies:** CI/CD, Blue/Green Deployment, Canary Releases, Feature Toggles
- **Code Editor:** Visual Studio, VS Code, MS SQl Server, MATLAB, Eclipse, IntelliJ IDEA

- Soft Skills

- **Communication**
- **Time Management**
- **Creativity**
- **Mentorship**
- **Collaboration**
- **Attention to Detail**
- **Resilience**
- **Cultural Awareness**
- **Problem-Solving**
- **Critical Thinking**
- **Leadership**
- **Work Independently**
- **Adaptability**
- **Empathy**
- **Conflict Resolution**
- **Continuous Learning**

EDUCATION

- Cairo University Faculty of Engineering   📅 07/2019 - 06/2024

- **BEng in Electronics and Communications** (major: Computer Science, minor: Software Development)
- **Graduation Project:** Excellent   **GPA: 3.0**   **Information Technology, Database,OOP**

LANGUAGES

- **Arabic: Native**
- **English C2, fluent**