

MOHAMED KHAMIS HELAYEL KHAIR ALLAH

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SUMMARY

Senior Full Stack Developer with 9+ years of experience in designing, developing, and optimizing enterprise-scale applications. Skilled in architecting scalable solutions, enhancing system performance, and integrating secure payment platforms across energy, fintech, POS, and ERP sectors. Proven ability to lead teams, enforce best practices, and drive innovation in software engineering.

EXPERIENCE

El Sewedy Electrometer

6 October, Egypt

Senior Full Stack Developer

Jul 2022 - Present

- Led the development and maintenance of energy meter systems, managing large-scale citizen transactions across multiple regions.
- Optimized system performance, resolving critical data bottlenecks for enhanced efficiency and scalability.
- Integrated secure payment systems, enabling seamless and reliable energy transactions.
- Reviewed code to enforce best practices, maintainability, and performance optimization.
- Acted as a technical lead, guiding the team in architecture decisions, Agile methodologies, and code quality standards to drive efficiency and innovation.

Projects:

- **Brassica Group**: Contributed to the development of power vending and pay power solutions in Ghana.
- **Ethiopia Utility Bill Payment System**: Developed and maintained the utility bill payment system for Ethiopia's electricity company using .NET and Oracle.
- **MDM (Meter Data Management)**: Engineered a secure and scalable prepaid electricity payment system for Pay Power Electricity Company, enabling NFC-based power card transactions and online meter charging. Successfully deployed across Egypt, Libya, and Congo-Brazzaville.

3s-POS

Alexandria, Egypt, HQ in UK

Senior Full Stack Developer

Mar 2021 - Jul 2022

- Developed and optimized a POS system deployed across the UK and Europe.
- Designed a mobile food ordering platform using the .net platform.
- Developed an HR system using Blazor, enhancing workforce management.

Code Zone

Alexandria, Egypt

Full Stack Developer

Aug 2016 - Mar 2021

- Developed HIS and ERP solutions, ensuring scalability and efficiency.
- Applied Agile methodologies (Scrum & Kanban) for streamlined development cycles.

Projects:

- **MYELIN**: Hospital Information System.
- **IZONE**: ERP System.
- **PeopleZone**: Comprehensive HRMS with recruitment, mobile attendance, and performance tools.
- **CRM**: Enhanced customer service and sales by centralizing data for seamless access and efficient management.

Engineers Syndicate

Alexandria, Egypt

System Administrator

Aug 2016 - Mar 2021

- Optimized network, VoIP, and mail servers, improving reliability and communication.
- Deployed and maintained ERP, infrastructure, and security systems, enhancing efficiency.

Osoul System

Alexandria, Egypt

System Administrator

Oct 2012 - Jul 2013

- Deployed ERP systems and maintained network infrastructure, camera systems, and trained users.

Faculty of Commerce Computer Center

Alexandria, Egypt

IT Instructor

Oct 2012 - Jul 2013

- Taught computer courses offered by the center in computer science.

SKILLS

Back End: .NET (Core, Framework), C#, ASP.NET, Azure DevOps.

Database: SQL Server, Oracle.

Front End: Angular, JavaScript, jQuery, Blazor.

DevOps & Cloud: Docker, Kubernetes.

Monitoring & Logging: ELK Stack, Seq.

Messaging: RabbitMQ.

Reporting: Crystal Reports, Telerik Reporting.

EDUCATION

Alexandria University, Faculty of Business
BSc in Information Systems

Alexandria, Egypt
Sep 2006 – Aug 2010

MCIT – Ministry of Communications Scholarship
Microsoft Dynamic CRM

Alexandria, Egypt
Sep 2013 – Mar 2014

PERSONAL INFORMATION

Date of Birth: 1989-08-29.

Marital Status: Married.

Military Status: Completed.

Nationality: Egyptian.

Address: Alexandria, Egypt.