Mohamed Magdy | Senior Software Engineer

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About Me

- Software engineer with about **7 years** of experience in backend development
- I used to work with **Php** , NodeJs and **working fine with any other programming languages**.
- I have a very good knowledge in data storages SQL & NoSQL Databases.
- Usually I was assigned to **refactoring legacy code** which gave me enough experience in dealing with any code, no matter how complex it is.
- Working on maintain scalable , reliable and **high available systems**.
- Focusing on **clean code** and architecture to make maintenance easier.
- **Mentoring** junior developers to improve their technical skills.

Experience

Senior Software Engineer   Trufla , Canada   Des 2022 - Present

- Building/Maintaining **microservices** with NodeJs (typescript) .
- Building/Maintaining web plugins using native Php code.
- Design and deliver software designs and **architectures** for new features and modules .
- Working on **scalability challenges** to ensure product reliability and availability.
- Maintaining pipelines and doing **research** for improving the process.
- Usually I was assigned to the research and development (**R&D**) tasks to give clear plan and insights for our next steps in the way of improvements and building new features.
- Exploring (without documentation) & **Refactoring** legacy code of old plugins then documenting them.
- **Mentoring** intern/junior developers to improve their technical skills.

Intermediate Software Engineer   Qafeer , Germany   Nov 2021 – Dec 2022

- Responsible in backend side of product base.
- Improve database design for scaling.
- Refactor code base and redesign implemented features.
- Maintain product on scale.
- Deploy and deliver new features.

System Administrator & DB Manager   VIP Close Protection   Oct 2020 – Nov 2021
(Military Service)

- Database Manager
- System admin and maintaining .

Full-Stack Engineer   Digital Raves, Nigeria   Jun 2018 – Sep 2019

- Developing/Maintaining Affiliates Marketing System
- I was building landing pages with close attention of all SEO, Accessibility and UX criteria.

Full-Stack Web Developer   EgyConnect, Egypt   Des 2015 – Jun 2018

- Building custom websites from scratch (from steps of UI to front/backend side of web application) .
- Design and Building Content Management Systems .
- Build the company management system and its accountant module .

Education

Bachelor of Management Information System | 2017 - 2020

Faculty of Computer Sciences & Information System at El Shoruk Academy

Projects

Qp Express System
market leading express delivery and logistics services
- Build ERP system from scratch to manage company business.
- Build Backend for app that used by delegates in company.
- Build Backend for app that used by company's clients.
- Integrate Payments gateway.
- Integration with Egyptian taxes eInvoicing platform.

EdNuva Platform
Scalable and highly available learning management system that innovative technological solutions for the education field specially high-school in Egypt .
- Build the whole Platform from scratch (System design & Implementation) .
- Building backend APIs for mobile apps. (student app – parents app – stations app – teachers app).
- Integrate Payments gateway. (Multi providers) .
- Deliver new features and mentor system and servers.

E-Invoice ERP
ERP that help any companies to manage their items , GPC codes , invoices and receipts with integration with Egyptian eInvoicing & eReceipt System
- Build the whole ERP from scratch .
- Integrate Payments gateway.
- Integration with Egyptian taxes eInvoicing platform

+100 Content Websites In Diff. fields

Languages and Technologies

- **Backend:** PHP (Expert) , NodeJS
- **Frontend:** HTML, CSS , Bootstrap, Javascript, Typescript , JQuery , Vue , React .
- **Frameworks**: Laravel (Expert), ExpressJs
- **SQL Databases**: MySQL, PostgreSQL
- **NoSQL Databases**: MongoDB
- **Caching**: Redis, Memcache
- **DevOps**: Docker, CI/CD pipelines
- **Test**: PHPUnit
- **Management Tools**: Jira, Trello, Clickup , Slack
- **Operating System**: Windows, Linux
- **Other Tools**: Logstash, Git, Composer, NPM , Postman
- **Others**: Agile/Scrum methodology, Bash scripting.
- **Other Skills** : Software Sales , Documenter , Instructor , Script writer, Graphic designer , Video Montage

Languages

- **Arabic:** Mother tongue.
- **English:** B2.