

# Mostafa Yasin

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## SUMMARY

Experienced Senior Software Engineer with a strong background in Python programming and back-end development. Proficient in developing and maintaining RESTful services, CI/CD pipelines, AWS, and microservices. Skilled in integrating payment solutions, developing LMS and ERP platforms, and collaborating with cross-functional teams. Experienced with Agile methodologies and Docker. Eager to contribute to your development team by leveraging expertise in Python, REST APIs, and secure, scalable solutions.

## EXPERIENCE

### *Gatewatcher, Senior Software Engineer*

*Jun 2024 - Present*

- Developed an innovative NDR platform using Python, enhancing threat detection capabilities by 10%, and protecting company networks.
- Led efforts to instantly detect and report cyberattacks, improving response times by 15% and ensuring proactive threat management.
- Implemented cutting-edge security measures for cloud environments, reducing potential vulnerabilities by 5% and ensuring robust data protection.

### *Paymob, Senior Software Engineer*

*Jan 2023 - Jan 2024*

- Developed in-store payment options using Python, FastAPI, Django, and Django Rest Framework, enhancing business growth by a good percentage.
- Integrated POS solutions for businesses, streamlining operations and increasing revenue by 25%.
- Collaborated with cross-functional teams to ensure seamless implementation of new payment gateways, improving transaction efficiency by 10%.

### *Majara, Senior Software Engineer*

*Jan 2021 - Jan 2023*

- Developed and customized an LMS for students in Saudi Arabia using JavaScript, Python, Angular, Frappe Framework, and ERPNext, enhancing learning experiences.
- Built a platform for marketing and sales teams to manage questions, exams, notifications, progress monitoring, and subscriptions, improving operational efficiency by 80%.
- Managed a technical team to deliver product milestones in an agile approach, increasing project completion rates by 50%.

### *JAWA HR, Senior Software Engineer*

*Jan 2022 - Mar 2022*

- Developed an ERP platform using Python and the Frappe framework, enhancing HR processes and improving efficiency, reducing system runtime.
- Led a team to successfully launch the platform, resulting in increased productivity and cost savings.
- Implemented features to streamline HR processes, ensuring robust data protection and security.

### *Axentor, Software Engineer*

*Apr 2021 - Mar 2022*

- Developed a platform using Python to manage the sales team, enhancing operational efficiency by 60%.
- Built a POS solution for stock management, streamlining inventory processes and increasing accuracy by 60%.
- Created an HR management solution with biometric device integration for attendance tracking, improving tracking accuracy by 40%.

### *Lavaloon, Full Stack Software Engineer*

*Aug 2019 - Apr 2021*

- Collaborated with product and design teams to deliver software components using Python, SQL, and the Frappe framework, enhancing system performance by a good percentage.
- Developed resilient end-user-facing web applications with Vue.js, improving user experience and engagement.
- Wrote efficient and testable code meeting technical requirements in Python OOP, reducing system bugs by 20%.

### *ITShare, Web Development Instructor*

*Nov 2019 - Feb 2020*

- Maintained open lines of communication with students and staff, ensuring clear and effective information exchange.

- Evaluated students' performance systematically, providing constructive feedback and identifying areas for improvement.
- Assessed student learning using appropriate methods, enhancing educational outcomes, and ensuring effective knowledge transfer.

#### **Freelancer Software Engineer**

*Jan 2017 - May 2019*

- Developed scalable web applications using Python, ensuring maintainability and testability in an agile scrum environment.
- Wrote efficient front-end code in JavaScript for company websites, enhancing user experience and engagement.
- Developed high-quality, working code features and bug fixes, improving system performance and reliability.

#### **Benative Academy, Programming Instructor (Part-Time)**

*Mar 2015 - Jun 2015*

- Executed job duties to achieve optimal productivity and efficiency.
- Maintained accurate records of student progress and attendance.

## **EDUCATION**

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*Minia University*

*Bachelor of Science Software Engineering • Jan 2015 - Dec 2019*

## **LICENSES & CERTIFICATIONS**

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#### **AWS Cloud Practitioner Essentials**

*Amazon Web Services (AWS) • 4976419737001880847 • Issued Jul 2022*

#### **Advanced Cloud DevOps Nanodegree**

*Udacity • HNVTVKPU • Issued Oct 2022*

#### **REST APIs**

*LinkedIn • Issued Jan 2024*

#### **System Design in Cloud**

*LinkedIn • Issued Feb 2024*

#### **Phishing: Identifying a malicious e-mail**

*BlueSecure • 11756059975 • Issued May 2025*

#### **Angular (Basic) Certificate**

*HackerRank • Issued Nov 2021*

## **SKILLS**

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- Linux: Proficient in using Linux for server management and development tasks.
- Server-Side Programming: Experienced in developing server-side applications and services.
- Server Side: Skilled in implementing robust server-side logic and architecture.
- Unit Tests: Capable of writing and maintaining unit tests to ensure code reliability.
- Integration Tests: Adept at developing integration tests to verify system interactions and workflows.
- CI/CD: Knowledgeable in setting up and maintaining Continuous Integration and Continuous Deployment pipelines.
- Microservices: Experienced in designing and deploying microservices-based architectures.
- RESTful Services: Skilled in building and consuming RESTful APIs and services for scalable solutions.
- Code Management: Proficient in version control and code management best practices.
- Communication Skills: Effective communicator in both technical and collaborative environments.
- LangChain: Familiar with LangChain for building language model-powered applications.
- LangGraph: Experienced in using LangGraph for advanced computational graph management.
- RAG: Knowledgeable in Retrieval-Augmented Generation (RAG) for improving AI responses.
- AI: Experienced in applying artificial intelligence techniques to solve complex problems.
- Generative AI: Skilled in utilizing generative AI models for content creation and automation.

## **HONORS & AWARDS**

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#### **Coach of the month**

*Majara •*