

MOSTAFA AHMED YASIN MOHAMED

Software Engineer

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SUMMARY

Experienced Senior Software Engineer with over 6 years of expertise 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 extensive 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 (Jun 2023 - Jun 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 (May 2021 - May 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%.

Axentor, Software Engineer (May 2021 - Apr 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%.

EDUCATION

Minia University

Bachelor of Science Software Engineering • Jan 2015 - Dec 2019

LICENSES & CERTIFICATIONS

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

- **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

Coach of the month (3x), (Majara)