Hady Maher
Senior Computer Engineer

SUMMARY

A seasoned software engineer with a strong background in Computer Engineering from Cairo University, the engineer brings both a deep understanding of theoretical principles and a rich hands-on experience in multiple software domains. Key strengths lie in web and mobile development, embedded systems, and machine learning, underscored by expertise in Python, Django, React, and AWS among other technologies. The profile showcases a proven track record of designing, coding, and maintaining sophisticated software solutions, notably in the healthcare sector with enterprise software contributions. This engineer is recognized for a systematic approach to analysis, design, and implementation across the software development life cycle. Revered personal projects such as an embedded system for CCTV face recognition signify a blend of innovation and practicality. With professional fluency in English and Arabic and having completed an IBM Big Data Engineer Certification, the candidate stands out for versatile skill sets and distinguished technical mastery.

TECHNICAL SKILLS

Main Technical Skills	FDD, AWS ML (Amazon Machine learning services), Unix, Python (2 yr.)
Programming Languages	JavaScript (2 yr.), Python (2 yr.), Swift
AI & Machine Learning	AWS ML (Amazon Machine learning services)
Security	AWS Security Groups
Cloud Platforms, Services & Computing	DigitalOcean (1 yr.)
Amazon Web Services	AWS big data services, AWS ML (Amazon Machine learning services), AWS Security Groups
Deployment, CI/CD & Administration	DevOps
Methodologies, Paradigms and Patterns	FDD
SDK / API and Integrations	Payment Gateways
Platforms	Raspberry PI
Operating Systems	Unix
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	Full Stack Web Development

WORK EXPERIENCE

Full Stack Developer, Arabic Tayseer Website

Duration: 09/2021 - 10/2021
Summary: Full Stack Development for Arabic language teaching website
Responsibilities: Designed and implemented core architecture and capabilities for software from prototype to operational applications. Made the website fully multi-language to suit all students.
Technologies: Laravel, React, Digital Ocean

Full Stack Developer, Moodkom Platform

Duration: 09/2019 - 09/2021
Summary: Full Stack Development for a service platform
Responsibilities: Designed and implemented core architecture and capabilities for software from prototype to operational applications.
Technologies: Laravel, React, React Native, Sockets, Digital Ocean

Full Stack Developer, 7agty Platform

Duration: 06/2019 - 09/2019
Summary: Development of a convenience service platform
Responsibilities: Performed analysis, design, coding, testing, implementation, and maintenance of software solutions.
Technologies: Laravel, Livewire

Software Engineer, Enterprise Healthcare Software Contribution

Duration: 11/2021 - 12/2023
Summary: Contribution to enterprise healthcare software projects
Responsibilities: Performed analysis, design, coding, testing, implementation, and maintenance of software solutions. Providing consultancy.
Technologies: Python, JS, DevOps, Full Stack

Senior Software Engineer, Enterprise Healthcare Software Leadership

Duration: 05/2023 - Present
Summary: Senior leadership and technical contribution to enterprise healthcare software projects
Responsibilities: Performed analysis, design, coding, testing, implementation, and maintenance of software solutions. Contributed to enterprise healthcare software. Provided consultation for all software-related projects.
Technologies: Python, Django, React, React Native, DebOps, AWS, Swift

Student/Project Developer, Graduation Project: Embedded System for Security Cameras Face Recognition

Duration: 09/2019 - 06/2020
Summary: Graduation project involving an embedded system for security cameras with face recognition
Responsibilities: Designed and developed an embedded system for face recognition using security cameras.
Technologies: Image Processing, Machine Learning, Embedded Systems, Raspberry Pi

EDUCATION

- **Bachelor of Computer Engineering**
  Graduated from the Faculty of Engineering, Cairo University, Computer Engineering department.
  08/2015 - 06/2020

CERTIFICATION

- **IBM Big Data Engineer - Mastery Award 2018**
  https://www.credly.com/badges/c6006378-0f65-4756-bfd9-26893a9b461d/linked_i
  06/2019 - 07/2019