Ahmed Mohamed Sadek

Senior Software Developer

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Experienced Software Developer specializing in digital government transformation, e-commerce, and the creation of dynamic web applications and automation systems. Seeking a Senior Software Developer role to leverage expertise in driving innovative projects, optimizing processes, and delivering exceptional user experiences.

Work Experience

Senior Software Developer
Jan 2022 - Present

ACME IES - Integrated Engineering Systems | Heliopolis

- Managed Full Project Lifecycles : Led end to end software development processes, overseeing planning, development, testing, and deployment stages to ensure on-time project delivery and client satisfaction.
- Integrated External Systems : Integrated multiple third-party systems via APIs, enhancing cross-platform functionality and ensuring efficient data exchange.
- Mentored Junior Developers : Provided coaching and mentorship to junior team members, contributing to a 20% improvement in team productivity and skill development.
- Optimized System Performance : Diagnosed and resolved performance issues, achieving a 30% reduction in system downtime.
- Researched New Technologies : Evaluated emerging technologies, incorporating relevant tools to keep software solutions innovative and market-competitive.

Junior Software Developer
Jan 2018 - Dec 2021

ACME IES - Integrated Engineering Systems | Heliopolis, Egypt

- Collaborated with Senior Developers: Assisted in developing and enhancing applications, contributing to critical projects and learning advanced coding techniques.
- Participated in Code Reviews: Provided feedback during code reviews, helping improve overall code quality and maintainability.
- Feature Implementation and Maintenance: Developed and maintained features in web applications, ensuring they met design and functional requirements.
- Assisted in API Integration: Supported integration of third-party APIs, facilitating seamless data exchange and functionality within multi-component systems.

Full stack Web Developer
Jan 2016 - Dec 2018

Freelancer

- Developed Full-Stack Web Applications : Built responsive, scalable web applications with technologies like Laravel, JavaScript, and MySQL.
- Client Collaboration : Worked closely with clients to gather requirements, provide technical guidance, and deliver custom web solutions.
- Implemented RESTful APIs : Developed RESTful APIs for effective communication between front-end and back-end components.
- Managed Project Lifecycle : Directed all phases of web development, from initial requirements gathering and design to final deployment and maintenance.

Projects

Digital Transformation System for Egyptian Customs Authority
Feb 2024 - Present

Led the development of a Digital Transformation System, automating export and import workflows for the Egyptian Customs Authority. Integrated multiple third-party systems to enhance operational efficiency.

Cargo Manifest Parser for Egyptian Customs Authority
Feb 2024 - Mar 2024

Developed a parser for cargo manifest files, enabling automated extraction, validation, and formatting of data from standard documents in formats such as EDI and XML.

Acme Workflow Automation Engine(R&D)
Mar 2023 - Jan 2024

Conceptualized a workflow automation engine using BPM principles to streamline project solution development, enabling modeling, execution, and monitoring of workflows.

Online Ecommerce Marketplace (Exponile)
Jan 2022 - Mar 2023

Led the development of an ecommerce marketplace, facilitating online sales for businesses and offering a user-friendly shopping experience.

Paperless System for National Training Academy (NTA)
Jan 2022 - Oct 2022

Collaborated with the IT team at NTA to build a workflow management system for warehouses, enhancing request processing and approval cycle efficiency.

Digital Transformation System for Egyptian Silos (Ministry of Supply)
Jan 2021 - Jul 2022

Optimized storage processes for Egyptian silos under the Ministry of Supply through a comprehensive digital transformation initiative.

Digital Transformation for Property Tax System (Ministry of Finance)
Feb 2020 - Apr 2020

Contributed to digitizing the property tax system for the Ministry of Finance, enhancing tax assessment, collection, and reporting processes.

Electronic Ticket System for Alexandria Public Transport Authority
Dec 2019 - Jan 2021

Designed an electronic ticketing platform, improving fare collection efficiency for Alexandria's public transport users.

Warehouse Requests Management System for The Egyptian Media Production City (Pre-sales Project)
Dec 2019 - Jan 2020

Developed a request management system for media production warehouses, requiring multi-level approvals and integrated with the existing management system using Camunda.

Hajj System (Ministry of Interior)
Mar 2020 - Aug 2020

Developed a system to manage Hajj operations, improving logistical coordination for the Ministry of Interior.

Flight Api System For Egyptian Airports
Feb 2019 - Jun 2019

Advanced Passenger Information system facilitates the secure and efficient transmission of traveler biographic data and flight details from operators to border agencies. This process is essential for the pre-departure and post-arrival screening of passengers.

Reporting System for Cairo Airport

Jan 2019 - Feb 2019

Designed a reporting system to support data-driven decision-making at Cairo Airport.

Time Planner System (Ministry of Interior)

Jun 2018 - Dec 2018

Developed a time planning system for efficient scheduling and resource allocation within the Ministry of Interior.

HR System (Freelance)

Nov 2023 - Jan 2024

Built a comprehensive HR management system for Digital Studios Company, supporting employee data, payroll processing, and performance tracking.

Accounting System (Freelance)

Sep 2023 - Nov 2023

Designed and implemented an accounting system for Digital Studios Company, facilitating accurate financial tracking, reporting, and ledger management.

Online Booking Engine for Lucky Tours Company (Freelance)

Jun 2023 - Sep 2023

Led the development of an online booking engine for Lucky Tours, a travel agency, providing a seamless platform for browsing and booking travel packages.

Conference Registration and Attendance System (Freelance)

May 2023 - Jun 2023

Developed a registration and attendance management system for ESCCP, a medical charity. Features include automated invitation generation, attendance tracking, and comprehensive reporting.

Ticketing Support System for Computer Maintenance (Freelance)

Feb 2022 - Apr 2022

Conducted training for Click ITS development teams on using Camunda for building a ticketing support system.

Core Skills

PHP, Laravel Framework, MySQL, Oracle, MongoDB, Redis, SQL, REST APIs, SOAP, HTML5, CSS3, jQuery, Bootstrap, JavaScript, React JS, Camunda workflow automation, IBM BAW Business Automation Workflow, BPMN 2.0, IBM Datacap, DMN, Camunda connectors, WordPress, Git, Linux, Ubuntu, Windows Server, Linode, GoDaddy, Cloudflare, Unit Testing, Agile Methodology

Education

Cairo University

Dec 2016

Bachelor Computers and Artificial Intelligence

Languages

Arabic *(fluent)*, **English** *(fluent)*