ABDALLAH ELGAMAL

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https://lgamal.github.io/Abdallah-Elgamal-Portfolio/ | https://github.com/lgamal

LEAD SOFTWARE ENGINEER

Lead Software Engineer with strong expertise in developing and maintaining software solutions. Experienced in leading cross-functional teams, driving software innovation, and optimizing development processes. Skilled in Python, Swift, React.js, REST APIs, Docket, Kubernetes and cloud technologies. Known for a strategic mindset, effective leadership, and a commitment to delivering high-quality solutions.

WORK EXPERIENCE

Lead Software Engineer | Chubb Life Insurance   Apr 2025 - Present

- Promoted to Lead Software Engineer in recognition of technical excellence and leadership potential.
- Leading the Electronic Application project that enables agents to digitally create and submit applications integrated with the core system (React-Native).
- Managing cross-team collaboration to ensure alignment between business goals and development efforts.
- Guiding the software team in maintaining all business-critical applications and planning future software innovations.
- Developed a secure Python-based application that transfers essential data from internal databases to the Financial Regulatory Authority (FRA) of Egypt via REST APIs.
- Managing and maintaining Oracle databases, and developing efficient SQL queries to support business operations.
- Overseeing best practices in coding standards, deployment pipelines, and software documentation to ensure scalability and maintainability.
- Developed a new web app with React, to help HR department to manage the sales agents.
- Preparing automated, productive reports to support stakeholders in making data-driven decisions.

Senior Software Engineer | Chubb Life Insurance   Apr 2022 - Mar 2025

- Developed an application using Python to interact with required REST APIs, enabling users to post, retrieve data, and perform actions securely with authentication and authorization.
- Designed and built a full software solution using Visual Basic/Microsoft Access to streamline the Agency Decoding cycle, incorporating data storage, approvals, authentication, and authorization.
- Collaborated on large-scale projects with third parties to help the agency team digitize their workflow using an Electronic Application.
- Worked with Docker and Kubernetes to manage cloud-based deployments on clusters.
- Partnered with the AIM global team to review and manage user access across all company applications.
- Conducted software testing and debugging, documented issues using Jira, and analyzed HAR files for troubleshooting.
- Created and maintained documentation for all applications, mapping system data for better integration and traceability.
- Managed software applications on company servers and administered Azure Cloud resources. Developed
- SQL scripts to automate data processing from Oracle databases.
- Developed to transfer the Decoding app from VB to React.js/Next.js/Express.js with SQL DB.
- Developed automation tools using Excel Power Query and macros to improve data processing efficiency.

Software Engineer | Chubb Life Insurance   May 2019 - Mar 2022

- Developed a new iOS application for holiday bookings using Firebase as the database.
- Built data automation tools using Excel Power Query and Visual Basic to streamline reporting and analysis.
- Tested new software applications, mapped ticket responses in Agile workflows, and documented findings.
- Collaborated with team members to research and implement software solutions.
- Provided technical support and troubleshooting assistance when needed.

TECHNOLOGIES

- React.js/ Next.js/ Vite
- JavaScript (ES6+)/ TypeScript
- Redux/ Zustand/ Recoil
- React Query/ Jest
- Node.js/Express.js
- Python
- Git (Github/ GitLab)
- CI/CD
- JWT/ OAuth/ Firebase
- Swift/ Objective-C
- React Native
- Cloud (Azure/Oracle)
- Docker/Kubernetes
- C#/ Visual Basic .NET
- RESTful APIs
- SQL/PostgreSQL/ MySQL
- MongoDB/ NoSQL/ Oracle DB
- Postman/ Swagger

SKILLS

- Problem-Solving & Critical Thinking
- Collaboration & Teamwork
- Communication Skills
- Adaptability & Learning Agility
- Time Management & Prioritization
- Leadership & Mentorship
- Attention to Detail
- Process Optimization
- Customer & User Support
- Decision-Making & Analytical Thinking

EDUCATION

Business Technology | CIC- Canadian International College   Sep 2012 - May 2017
- Software Development
- A+ in graduation project (booking football match tickets mobile application).

CERTIFICATIONS

- Microsoft Azure Cloud Foundation AZ-900
- Microsoft Azure Data Foundation DP-900
- Oracle Cloud Infrastructure Foundation
- Oracle Cloud Infrastructure Data Foundation
- 75+ Linkedin Coursed

AWARDS/ENGAGEMENT

- Most Innovative Employee of the Year, Chubb Life Insurance (2024)
- Served as a member of the Engagement Team for two years, contributing to team-building initiatives and fostering a positive work environment (2022-2023)

INTERESTS

- Reading
- Football
- Volunteer Work
- Gym
- Singing
- Puzzle

LANGUAGES

- Arabic (Mother Tongue)
- English

MILITARY STATUS

Completed