Mina Tadrous

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SOFTWARE DEVELOPER

Experienced and analytical professional with 15 years of cutting-edge expertise in designing, developing, testing, and seamlessly integrating software solutions. Highly adaptable team player whose career journey has encompassed full spectrum software development life cycle initiatives, from conceptualization and coding to testing and integration, to post-delivery troubleshooting. Devoted professional with a robust background in performance testing, ensuring optimal software quality and performance. Brings innovation, passion for delivering high-quality solutions, and proficiency in handling end-to-end software projects to life.

Cross-Functional Communications | Teamwork and Collaboration | Curiosity and Continuous Learning

Corporate and Regulatory Compliance | Technical Reporting | Software Development Life Cycle (SDLC)

TECHNICAL SKILLS

Programming Languages: Java | C# | Shell Scripting (bash) | Python | C++ | node.js

Web Technologies: Angular 2 | ASP.NET| JavaScript | Type script | HTML | CSS | Servlets | JSP | Django | React

Databases: Relational Database **|** SQL | PLSQL | Oracle | PostgreSQL | MongoDB

Testing Tools: Intuit Karate | Protractor | Junit | SoapUI | Postman | Cypress

Performance Testing Tools: Gatling | JMeter

DevOps: Jenkins

Cloud: AWS (AWS Cloud Practitioner certified)

Containerized Management Software: Docker | Kubernetes

Source Control: GIT | SVN

Team Collaboration Tools: JIRA | Confluence | Gerrit | Open ALM

Concepts: Object oriented programming

Operating Systems: Linux | Unix | Windows

Additional Skills: Spring Boot | Apache Kafka | Apache Axis 2 | maven | XML | YAM | JSON

WORK EXPERIENCE

Ericsson Canada ➔ (March 2017 till August 2023)

Experienced full-stack developer with expertise in web development, UX, and user experience. Skilled in Angular, TypeScript, and frontend development, I excel in problem-solving and applying object-oriented programming principles. My background in software engineering, including significant work in microservice architecture, and solid communication skills enable me to excel in cross-functional Scrum teams. With a keen eye on accessibility and strong architectural knowledge, I've implemented scalable solutions.

- Leveraged Angular expertise to efficiently code and implement critical features in the product, resulting in a substantial increase in profitability. These enhancements ensured that the product fully satisfied all customer needs, demonstrating my proficiency in Angular and my commitment to delivering valuable solutions.
- Strong debugging skills contributed to the swift resolution of user-reported issues, in collaboration with the Agile team during code reviews and adherence to software engineering best practices, utilizing (git) for effective source control management.
- Effectively leveraged Kubernetes expertise to configure and test microservices product installation on a new environment, expanding our market reach to customers in this environment and driving increased revenue for the company.
- Showcased expertise by flawlessly deploying the product on the public cloud (AWS), effectively handling both the installation and administration aspects of the product.

- Created comprehensive backend RESTful APIs test cases in Jira, initially employing Postman for manual testing, and then automated them efficiently using Intuit Karate and SoapUI for rigorous and effective test automation. These automation initiatives led to a substantial 25% reduction in manual testing efforts.
- Integrated backend testing into the CI pipeline for continuous monitoring and collaborated in interdisciplinary ways with developers to resolve issues quickly and effectively, anticipating at least a 20% reduction in regression testing time.
- Provided training and support to product teams, fostering competence, morale, and retention of top talent. Empowered teams to effectively utilize and promote new features to customers, resulting in increased profitability.
- Through performance analysis and automation, I improved application performance by approximately 20%.
- Proficiently deployed and configured enterprise software solutions on Linux environments and Oracle databases. Demonstrated strong Linux administration and system configuration skills.

Ericsson Egypt Limited → (August 2008 till March 2017)
Thrived as a software engineer, excelling in both front end and back end development and testing. developed low-level designs, wrote scripts, and proficient code, ensuring the seamless execution of test cases and unit testing.

- Demonstrated leadership by effectively leading a diverse testing team during a significant Mobile Broadband Charging project with a major Egyptian mobile operator.
- Led critical Oracle database migration for pioneering Convergent solution (early release of the product), crafting SQL and PLSQL scripts.
- Developed SOAP APIs with Apache Axis2, involving low-level designs, script writing, and proficient code to ensure the seamless execution of test cases and unit testing.
- Develop low-level designs, write scripts, and proficient code, ensuring the seamless execution of test cases and unit testing.
- Establishing acceptance test criteria and offering third-line support for developed modules.
- Successfully acted as a consultant at the customer side, excelling in product configurations for the business support systems for over 6 months.
- I was able to manage and deliver multiple complex projects with time constraints, showcasing a high level of technical acumen.
- Eager to learn and I was one of the first one hundred to adopt Erlang in Egypt.

LANGUAGES

- **English: Proficient**
- **Arabic: Native**
- **French: Basic**

EDUCATION

Bachelor of Computer Engineering (B.C.Eng.)
Ain Shams University, Cairo-Egypt

Diploma in Software Engineering
Information Technology Institute, Giza, Egypt