

Mohamed Erwa

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Highly self-motivated Software Developer with exceptional communication, technical and organizational skills, proven to be effective in complex IT projects and development of robust and scalable applications.

SUMMARY OF QUALIFICATIONS

- 3 years of experience as a Software Developer/Analyst with a Fortune 13 company in Austin, Texas
- Current student of Software Engineering Technology; Holds a Bachelor of Science in Computer Science
- Excellent problem-solving skills, using strong analytical and critical thinking skills
- Highly collaborative with extensive experience working in collaborative multi-disciplinary teams
- Strong written, oral, and presentation communication skills, as well as organizational skills

TECHNICAL SKILLS

- Skilled with Java, C#, J2EE, Spring Boot, Maven, GIT, REST, Jenkins, SQL, QA, Drools, JavaScript, Flutter, Dart, HTML, CSS, Jira, Android Studio, Kotlin
- Knowledgeable in REST API's, Microservices, Mobile Application Development
- Specializes in object-oriented programming, Agile/Scrum project management and all stages of SDLC
- Proficient with unit testing, automated testing, and quality assurance
- Experienced in performance optimization and scaling

RELATED WORK EXPERIENCE

Software Engineer - Lead Analyst Express Scripts/Cigna, Austin, Texas Mar. 2020 - Sept. 2021

- Developed internal backend web services using Java, Apache Maven, and Spring Boot framework
- Worked on implementing new business requirements, bug fixing, and peer code review
- Created extensive unit tests to ensure maximum code coverage
- In charge of service virtualization of external service calls for quality assurance
- Team Scrum Master, responsible for daily stand-ups, sprint planning, demos, and retros

Software Engineer - Senior Analyst Express Scripts/Cigna, Austin, Texas Sept. 2018 - Mar. 2020

- Analyzed and improved large, scalable, object-oriented Java projects
- Created and tested over 100 business rules in Drools Workbench, and created dozens of test scenarios for each rule
- Implemented automated testing for business rules using Cucumber Testing and Jenkins
- Set up dashboards using New Relic for application logging and monitoring

Digital Strategy Intern Express Scripts/Cigna, Austin, Texas May 2017 - Aug. 2017

- Supported the integration of Google Wallet and InsideRx digital ID card
- Setup up dashboards in Grafana to track various metrics and data from Jenkins builds
- Documented important information regarding our web services and the project as a whole

EDUCATION

Software Engineering Technology (Co-op) Advanced Diploma Sept. 2022 - Present
Centennial College, Toronto, ON GPA: 4.32/4.5 (A)

Focus Areas:

Programming (Java, C#, JavaScript)	IT Project Management	Systems Integration
Software Engineering Methodologies	Web Services Programming	Web Application Development
Advanced Database Concepts	Java Programming	Testing and Quality Assurance

Bachelor of Science - Computer Science Graduated Aug. 2018
University of Texas at Dallas, Dallas, Texas

SELECTED ACADEMIC & PERSONAL PROJECTS

- Developing a Flutter mobile application for iOS and Android which uses Google Firebase as a backend and Firestore as a data management tool; Uses social network APIs, such as Google, Twitter and Facebook, to allow user account management
- Designed software program that connected to Oracle database, allows for data manipulation and retrieval