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KHALED ABDULLA

Software Engineer

PROFESSIONAL SUMMARY

Results-oriented Software Engineer with a strong foundation in designing, developing, and testing scalable software solutions. Experienced in both front-end and back-end development, with hands-on exposure to a wide range of modern technologies and frameworks. Seeking a Software Engineer role to apply my technical skills, adaptability, and problem-solving abilities in creating innovative software solutions

EMPLOYMENT HISTORY

Tata Consultancy Services	2021 - 2022
SOFTWARE ENGINEER	Troy, MI

- Designed and maintained Genesys call flow systems to optimize vehicle communication infrastructure.
- Developed embedded SOS eCall and dealer button features integrated with backend telematics services.
- Performed both manual and automated testing to ensure software performance and stability.
- Produced analytics and reports based on call data to inform business decisions.
- Worked closely with stakeholders to gather requirements and ensure successful implementation.
- Automated customer outreach campaigns through Genesys, enhancing engagement efficiency.

Flex-N-Gate	2020 - 2021
QUALITY ENGINEER	Detroit, MI

- Conducted quality assurance by analyzing inspection data and machine output.
 - Logged measurement data to track part consistency and detect production deviations.
 - Identified and addressed machine-level issues to reduce part defects.
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EDUCATION

B.S. in Computer Science	<i>Wayne State University</i>	Dec 2020
Minor in Mathematics	<i>Wayne State University</i>	Dec 2020
Associate of General Studies	<i>Macomb Community College</i>	Aug 2018

PROJECT

FULL-STACK POETRY SHARING APP	2020 - 2021
Flutter • Firebase • Dart • Agile/SCRUM	Detroit, MI

- Developed a cross-platform mobile app with full front-end (Flutter) and back-end (Firebase) integration.
 - Designed and built reusable UI components and connected them to real-time backend services.
 - Applied object-oriented principles and asynchronous programming to support multithreaded features.
 - Handled authentication, data storage, and state management with Firebase services.
 - Participated in Agile sprints, delivering functional features and presenting progress in regular demos.
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CERTIFICATE

Amazon Junior Software Developer Professional	<i>Coursera (Online)</i>	Jan 2025
<ul style="list-style-type: none">• Completed hands-on training in Java, SQL, data structures, Spring Boot, React, REST APIs, Git, Agile, and a capstone project simulating real-world development		
Microsoft Office Specialist For Word and Excel	<i>Microsoft (Online)</i>	Aug 2018

SKILLS

- **Programming Languages:** Java, C++, Python, JavaScript, HTML, CSS
 - **Frameworks & Libraries:** Flutter, React, Spring Boot, Node.js
 - **Databases:** SQL, MongoDB, Firestore
 - **Tools & Platforms:** Git, Firebase, Docker, VS Code, IntelliJ, Android Studio
 - **Methodologies:** Agile, Scrum, Test-Driven Development (TDD)
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LANGUAGES

- English (Fluent)
 - Arabic (Fluent)
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