

# Sifa Momin

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## Career Objective

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I have 1.3 years of experience as an Assistant Systems Engineer at TCS, where I contributed to back-end development and application support. Proficient in C++, C, SQL with strong focus on performance optimization and compliance. Proven ability to create innovative solutions, improve application reliability, and work effectively in team environments.

## Technical Skills

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- **Programming Languages:** C, C++, Java, SQL
- **Frameworks and Tools:** Microservices
- **Databases:** MySQL, Oracle SQL
- **Development Tools:** SoapUI, Eclipse, WinSCP, Git
- **Methodologies:** Agile, Scrum
- **Other Skills:** Linux, PL/SQL, Data Structures and Algorithms (DSA)

## Experience

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**Assistant Systems Engineer, TCS – Mumbai, Maharashtra** Oct 2021 – Jan 2023

- Developed Java microservices for banking applications, enhancing transaction efficiency by 30% and improving user experience.
- Created and optimized SQL queries, boosting database performance by 30% and reducing response time.
- Managed deployment of JAR/WAR files and performed SOAP UI testing to ensure high reliability and performance of applications.
- Implemented KYC functionality to ensure compliance and safeguard user data.
- Resolved critical system issues, reducing downtime by 20% through effective troubleshooting and analysis.
- Utilized ARM to create deployment requests and ensured timely follow-ups through email for smooth implementation.

## Projects

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**Heart Rate Monitoring System Using Arduino** 2020 – 2021

- Developed a real-time heart rate monitoring system using Arduino, ensuring accurate measurement and display.
- Enhanced data accuracy and reliability using sensor fusion techniques.
- Validated system accuracy with medical professionals, ensuring compliance with health monitoring standards.

**Automatic Switch On/Off System** 2019 – 2020

- Designed and implemented an Arduino-based automatic washroom light switch system, showcasing problem-solving skills.
- Integrated motion sensors and optimized firmware to enhance energy efficiency.
- Reduced energy consumption by 30%, resulting in cost savings and environmental benefits.

**Arduino-based Smart Street Light System** 2018 – 2019

- Led firmware development for a smart street light system using Arduino.
- Enhanced system adaptability through sensor data fusion.
- Reduced energy consumption by 20%, promoting sustainable urban development.

## Education

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<b>Government College of Engineering, Karad</b> (B.Tech in E&TC) <ul style="list-style-type: none"><li>• GPA: 7.98</li></ul>	June 2017 – June 2021
<b>Yashwantrao Chavan College of Science, Karad</b> (PCM State Board) <ul style="list-style-type: none"><li>• Percentage: 72.92%</li></ul>	June 2016 – June 2017
<b>Lahoti Kanya Prashala, Karad</b> (SSC State Board) <ul style="list-style-type: none"><li>• Percentage: 88.40%</li></ul>	June 2014 – June 2015

## Courses

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<b>Certificate Of Excellence in C++</b>	Coding Ninjas
<b>DSA in C++</b>	Coding Ninjas
<b>Getting Started with Azure DevOps Boards</b>	Coursera
<b>Azure: Create Rest API using NodeJS Serverless Functions</b>	Coursera