

# ADITYA SINGH

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## SUMMARY

Associate Software Engineer with nearly 2 years of experience in designing and developing scalable, high-performance software solutions at WiseTech Global. Proficient in C#, .NET Core and React.js, with a strong foundation in full-stack development, test-driven practices, and database design using SQL Server.

## SKILLS AND INTERESTS

**Languages:** C++, C#, JavaScript, SQL.

**Frameworks:** .NET, ReactJS, Bootstrap.

**Testing & Tools:** Jest, NUnit, GIT, MySQL.

**Areas of Interest:** Software Engineering, Backend Development, Data Structures and Algorithms

## EXPERIENCE

### WiseTech Global

*Associate Software Engineer – / C#, .NET, NUnit, React, Jest, REST APIs*

Bengaluru, IN

Aug 2023 - Present

- Developed and maintained backend services using C# and .NET Core, supporting logistics systems used by clients in over 160 countries.
- Contributed to the accounting product suite, including modules like CASS, AP/AR invoices, and billing systems, enabling accurate financial workflows for enterprise-scale logistics clients.
- Designed and implemented integration tests for a messaging tool to ensure end-to-end message flow reliability.
- Designed and enforced custom manual SQL constraints to secure critical data fields and ensure strict adherence to complex business logic.
- Migrated 30+ React components across modules as part of a UI restructuring initiative, contributing to improved code reusability and an estimated 15–20% cost reduction in future frontend development efforts.
- Improved unit test coverage to 90%+ using Jest and NUnit, significantly reducing bugs and regressions in production releases.
- Contributed to internal knowledge sharing and documentation by creating technical guides and onboarding materials, accelerating ramp-up time for new developers by over 30%.

## PROJECTS

### API Testing Tool | Java, React.js, SQL, Springboot, Maven

Jan 2023 – Feb 2023

- Developed a custom API testing tool that supported both automated and user-defined test scenarios, enabling developers and QA teams to validate endpoints with greater coverage, repeatability, and efficiency.
- Designed and implemented an intuitive UI for the tool, allowing users to input API details, define request parameters, and trigger test executions with a single click, significantly reducing manual testing overhead and improving productivity.

## EDUCATION

### Birla Institute of Technology

Mesra, IN

*Bachelor of Technology in Biotechnology / (CGPA: 8.2 / 10)*

Jul 2019 - Aug 2023

- Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Web Technologies, Machine Learning (completed through electives and self-driven learning).
- Technical Focus: Proactively pursued computer science topics alongside core biotechnology subjects. Built multiple coding projects and solved 300+ LeetCode and 150+ GFG problems during undergrad.
- Leadership: Actively participated in tech clubs and coding events; contributed to team-based hackathons and technical workshops.