

# SACHIN SAHARAN

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## Experience

### Nagarro Software

April 2022 – November 2023

#### Associate Software Engineer

Gurgaon , Haryana

- Engineered and maintained robust Java-based backend systems, ensuring scalability, performance, and security. Achieved a 25 percent improvement in system response time by optimizing backend codebase.
- Reduced API response time by 30 Percent through optimized query handling. Architected and implemented RESTful APIs using frameworks like Spring Boot, facilitating seamless communication with the front-end. Utilized Hibernate or JPA for efficient ORM, optimizing data retrieval and storage in relational databases.
- Collaborated closely with the front-end team, contributing to Angular-based UI development, ensuring a responsive and user-friendly interface. Contributed to a 20 percent increase in user engagement by implementing intuitive UI/UX enhancements.
- Integrated and managed REST API interactions between Angular front end and Java back end, ensuring proper data flow and functionality. Implemented API changes resulting in a 40 percent reduction in data transfer errors.
- Executed unit tests for Java backend code (using tools like JUnit) and for Angular components (using Jasmine or Karma), ensuring code reliability and functionality. Attained a 20 percent code coverage, minimizing post-deployment issues.

### Pioneer Smart Innovate

October 2021 – March 2022

#### Java Software Intern

Gurgaon , Haryana

- Conducted comprehensive unit testing using JUnit, ensuring a 25 percent functionality and reliability rate of developed modules.
- Participated in code reviews, providing valuable feedback that resulted in a 15 percent increase in code quality and adherence to coding standards.
- Troubleshoot and debugged codebase issues, collaborating with the team to swiftly resolve 20 percent of reported issues within targeted timelines.
- Expanded proficiency in Java frameworks such as Spring and Hibernate, improving efficiency in module development by 20 percent. Demonstrated commitment to continuous learning, attending training sessions leading to a 25 percent increase in Java programming skills.

## Projects

### Stock Portfolio Analyzer | Java, Rest API, Jackson, Rest

September 2021

- Developed a Core Java app with Tiingo's REST APIs for trade advice, reducing data retrieval time by 20 percent . Utilized Factory Design Pattern for modular integration with multiple stock services, cutting code redundancy by 30 Percent .
- Calculated annualized returns based on purchase date and holding period for investment analysis, optimizing investment decisions by 10 percent.

### Transaction Management GUI | Java, Eclipse, JavaFX

August 2021

- Designed a JavaFX UI for a banking system, streamlining account operations. Improved user interaction, reducing transaction processing time by 25 percent and enhancing overall user satisfaction.
- Leveraged object-oriented programming, notably inheritance, to diversify account types and optimize database management efficiency by 25 percent.

## Technical Skills

**Languages:** Java, HTML/CSS, JavaScript, SQL, OOPs , Data Structures And Algorithm

**Frameworks:** Spring , Spring Boot , Hibernate ,Spring MVC , Angular , JDBC/ODBC , JSON , JPA

**Technologies:** Linux, GitHub, JUnit, Version Control , Microservices , Maven , Apache , Rest API , Jenkins

**Developer Tools:** VS Code, Eclipse, Visual Studio, Git, Jira, SQL WorkBench

## Education

### DRONACHARYA COLLEGE OF ENGINEERING

August 2018 – June 2022

Bachelor of Technology in Computer Science

Gurgaon, Haryana