

# Subrat Nayak

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## Summary

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Experienced Associate Software Engineer with nearly three years of expertise in backend development using Spring Boot. Skilled in designing and implementing APIs, optimizing system performance, and resolving critical issues. Proficient in Java and Spring Boot for backend development, with a strong focus on building scalable and efficient solutions.

## Education

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**Dr. Ambedkar Institute of Technology for Handicapped , Kanpur**, B.Tech in Computer Science and Engineering July 2018 – July 2022

- GPA: 8.13/10.0

## SKILLS

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Java, Spring Boot , Microservices , Postgresql , Docker , Apache Kafka , OOPs , Git , Linux, Rest API, Gradle , Junit.

## Experience

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**Associate Software Engineer**, Neosoft Technologies – Pune July 2022 – Present

- Collaborated and coordinated with business stakeholders, project leads and developers to gather requirements and establish project objectives and deliverables
- Implemented caching mechanisms , resulting in a 40% reduction in database query execution time
- Integrated third-party APIs, improving system functionality and reducing development time by 30% compared to building from scratch

**Software Engineer Intern**, Neosoft Technologies – Pune Jan 2022 – July 2022

- Developed APIs to enhance application functionality, ensuring seamless integration and performance optimization.
- Wrote comprehensive JUnit test cases for services and controllers to maintain code quality, reliability , resulting in code coverage of 80%

## Projects

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### Object Modelling

- Understood the implementation of the Movie booking problem implementation provided by Crio.Do. Built a Hackerrank like contest application by applying their Core Java + design skills Designed implemented the classes required for a contest framework. Implemented the business logic of running a simulated contest. Built a JukeBox application based on a problem statement, from scratch.
- Tools Used: Java, Spring Boot

### QMoney

- QMoney is a visual stock portfolio analyzer. It helps portfolio managers make trade recommendations for their clients. During the course of this project,Implemented the core logic of the portfolio manager and published it as a library,Refactored code to add support for multiple stock quote services.Improved application stability and performance.
- Tools Used: Java, Spring Boot