

NIKHIL TIWARI

Java Developer

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SUMMARY

Dedicated and self-motivated Java Developer with strong knowledge of Java, Spring Boot, and REST API development. Proficient in designing and implementing backend systems with a focus on scalability and efficiency. Hands-on experience in building API-driven applications through academic projects and self-learning. Quick learner with a passion for exploring new technologies and delivering high-quality solutions. Excited to contribute to innovative teams and grow as a professional in a collaborative environment.

PROFESSIONAL EXPERIENCE

Projects: ->(github.com/nikhil19tiwari/Projects)

Online Banking Application

- **Technologies Used:** Spring Boot, Kafka, React, Asynchronous Tasks, Custom Exception Handling
- **Description:** Developed a fully functional **Online Banking Application** using Spring Boot for the backend and React for the frontend. The application incorporates essential banking features such as account management, transaction history, and money transfers. Key highlights include:
 - **Custom Exception Handling:** Implemented a custom exception handler to manage and respond to errors in a user-friendly manner.
 - **Kafka Integration:** Utilized Kafka for handling real-time messaging and ensuring high scalability and reliability in the system.
 - **Asynchronous Tasks:** Enabled asynchronous processing for tasks like transaction validation and notification sending to improve performance and user experience.
 - **Frontend Development:** Developed a responsive and dynamic user interface using React to ensure an intuitive user experience.

Courses Completed:

Building Microservices in Java for Cloud:

- Acquired hands-on experience in building scalable and maintainable **microservices using Spring Boot**.
- Worked with **Spring MVC**, **Spring Data JPA**, and **RESTful services** to create and integrate microservices.
- Gained practical experience in deploying microservices to cloud platforms and ensuring smooth inter-service communication.
- Implemented email integration using Java to send notifications and alerts in a cloud-based microservices environment.
- Focused on microservices architecture, error handling, security, and logging mechanisms for real-world application development.

Java with Data Structures and Algorithms (DSA):

- Gained comprehensive knowledge of core Java programming, focusing on object-oriented principles.
- Enhanced problem-solving skills by studying and implementing advanced Data Structures (arrays, linked lists, trees, graphs, etc.) and Algorithms (sorting, searching, dynamic programming).
- Developed efficient coding practices to optimize time and space complexity, which are essential for real-world applications.

Software Developer

Target

- As a passionate and eager-to-learn fresher Java Developer, my goal is to contribute effectively to dynamic software development teams while continuing to enhance my technical skills.
- I am seeking an opportunity to work on real-world projects that allow me to apply my knowledge of core Java, Spring Boot, REST APIs, and microservices architecture.
- My aim is to build scalable, efficient, and high-quality software solutions, while continuously growing in areas such as cloud technologies and advanced development frameworks.



KEY ACHIEVEMENTS

Academic Topper (2 times):

Consistently ranked as the academic topper, achieving the highest grades in my class.

Coding Test Winner:

Awarded First Prize in the college coding test for solving complex problems efficiently. latform project

SKILLS

Skills:

Java • Core Java •
Data Structures and Algorithms •
Spring Boot • Spring MVC •
Spring Data JPA • RESTful APIs •
Microservices Architecture • MySQL •
HTML • CSS • Thymeleaf • Bootstrap

Tools:

Git, Swagger, Postman, Maven

STRENGTHS

★ Gold Medalist

Was awarded a gold medal for 2 years of consecutive excellence in academics

★ Your Strength

A strong problem solver with a keen attention to detail, quick to adapt to new technologies, and always eager to enhance my skills through continuous learning and hands-on practice.