

ABHISHEK MISHRA

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Experience

Associate Software Engineer at XenonStack Private Limited.

February 2023 - June 2023

- Expertise in **Java** and **Spring Boot** for designing, coding, testing, and maintaining high-performance backend services and APIs.
- Optimized data retrieval and storage efficiency by 40 percent through expert management of **database schemas**, **SQL query optimization**, and **ORM frameworks**.
- Create and maintain **RESTful APIs** that enable seamless communication between the frontend and backend systems and with **Microservices**.
- Designed and implemented a highly efficient searching algorithm with **O(log n)** time complexity, significantly optimizing data validation for the testing team. This innovation resulted in a remarkable 50 percent reduction in workload associated with identifying missing and duplicate data.

Software Engineer at INADEV India Private Limited.

February 2022 - January 2023

- Successfully developed and implemented various Software Modules and Software Solutions to solve complex project-related needs using **Core Java** and **Spring Boot**.
- Proven ability to coordinate on technical requirements from clients and managing functionalities of various modules.
- Experience working on an Agile Development team. Have a good understanding of **Inventory**, **Supply Chain**, and **Order Management Modules**.
- Designing and implementing efficient and scalable APIs for **microservices**.
- Implementing new **REST Endpoints** in the controller layer and end-to-end-flow-from the controller layer to service layer to DAO layer in the project.
- Optimizing **microservices** for scalability, performance, fault tolerance, and resilience.
- Identified root causes of existing issues and effectively resolved them, leading to a 20 percent reduction in system errors.
- Writing tests in **JUnit** to ensure functionality and quality, and documenting technical aspects such as API specifications and deployment guides.

Technical Skills

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| <ul style="list-style-type: none">• Programming language: Java (J2SE, J2EE, Java8), Python (Basic)• Framework: Spring Boot, Spring Framework, Hibernate, Restful Web Services• Real-Time Tools: Kafka, Maven, Log4j• Database: MongoDB, MySQL, Oracle• Operating Systems: Linux, Windows• Cloud Technologies: Amazon Web Services• AWS Services: EC2, S3, API-gateway, Lambda, ECS, RDS, SNS• Familiar: Microservices, Multithreading, Design Patterns, OOP'S Concepts, Collections, Exception Handling, JUnit, | <ul style="list-style-type: none">• Agile Methodologies, Algorithms, Data Structures, Docker, Kubernetes, Jenkins, Bitbucket CI/CD• Tools/Platforms: VS Code, IntelliJ IDEA, Spring Tool Suite (STS), AWS, Git, Jira, GitHub, Bitbucket, Grafana, MySQL Workbench, Postman• Web Technologies (Basic): HTML, CSS, XML, JavaScript, JSON, React JS• Additional Skills: Effective communication, Teamwork, Responsibility, Problem-solving, Openness, Adaptability |
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Projects

WEB APPLICATION – FRIEND BOOK | HTML, CSS, JavaScript, Bootstrap, ReactJS, Java, MySQL

- A social media application designed to help students make friends on college campuses. The idea was to address the challenges college students face during the COVID-19 pandemic.

DMS | Core Java, Spring Boot, Oracle

- A Java-based software solution developed using the Spring Boot framework and microservices architecture. It assists clients in tracking their deals by providing an end-to-end platform for deal creation, management, and reporting. The system uses Oracle as its database and is designed to be scalable and modular.

FIAS | Java, Spring Boot, Spring JPA, Microservices, MySQL

- A Java-based software solution that enhances the quality of products or services. Utilizing Spring Boot, Hibernate, and Spring JPA frameworks, following a microservices architecture and Spring MVC, it enables businesses to create quality control plans, track progress, and generate reports. MySQL is used as the database, supporting independent development and deployment of each component.

Education

UTTARANCHAL UNIVERSITY

August 2018 - June 2022

Bachelor of Technology in Computer Science and Engineering

Dehradun, India

Profile Links

- [Hackerrank](#)
- [Leetcode](#)
- [GeeksforGeeks](#)