



## CONTACT



9999999999



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West Bengal, India



<https://mypersonalurl.com>

## SKILLS

Java

JavaScript

Python

## EDUCATION

10+2

B-Tech

ABC Institute of Technology  
2020 | 10

# Sandipan Seal

Software developer

## About me

Sandipan Seal (999) 999-9999 | sandipanseal11@yahoo.com  
Summary Highly motivated and results-oriented Software Developer with demonstrated experience in designing, developing, and implementing robust and scalable applications using Java, JavaScript, and Python. Proven ability to contribute to all phases of the software development lifecycle, from requirements gathering to deployment and maintenance. Possesses a strong understanding of object-oriented programming principles, data structures, and algorithms. Eager to leverage technical skills and collaborative spirit to contribute to a dynamic and innovative team environment. Experience XYZ Private Limited | Software Developer | 03/2025 – 11/2025 ➤ Utilized Java to contribute to the development and maintenance of software applications. ➤ Gained practical experience in the software development lifecycle. ➤ Collaborated with team members to achieve project goals. Projects Student CRUD Project ➤ Developed RESTful APIs (Post, Get, GetById, Put, Delete) using [Specify Framework/Language used - \*e.g., Java Spring Boot\*] to manage student data. ➤ Implemented functionalities for creating, retrieving, updating, and deleting student records. ➤ Demonstrated proficiency in API design and development. Additional Experience Acme Corp | Software Engineer Intern | Summer 2023 ➤ Designed, developed, and tested RESTful APIs using Java Spring Boot, adhering to microservices architecture principles. ➤ Contributed to the development of a high-throughput data processing pipeline utilizing Apache Kafka for real-time analytics. ➤ Implemented unit and integration tests using JUnit and Mockito, achieving 90% code coverage. ➤ Collaborated with senior engineers on code reviews, ensuring adherence to coding standards and best practices. ➤ Utilized Git for version control and participated in Agile/Scrum development methodologies. Beta Industries | Java Developer | 2022 – 2023 ➤ Developed and maintained core components of a high-volume e-commerce platform using Java, Spring Framework, and Hibernate. ➤ Optimized database queries and application performance, resulting in a 15% reduction in average response time. ➤ Collaborated with front-end developers to integrate back-end services with user interfaces. ➤ Participated in the design and implementation of new features, adhering to architectural guidelines. ➤ Deployed and monitored applications using Docker and Kubernetes in a

cloud environment. University X | Research Assistant | 2021 – 2022 ➤ Developed a Java-based simulation model for analyzing network traffic patterns. ➤ Implemented algorithms for data analysis and visualization using Java libraries such as JFreeChart. ➤ Conducted experiments and analyzed results to validate the simulation model. ➤ Presented research findings at conferences and contributed to the publication of research papers. ➤ Utilized data structures and algorithms to solve complex problems in network simulation. Skills ➤ Programming Languages: Java, JavaScript, Python ➤ Frameworks/Libraries: Spring Boot, Hibernate, React, [Add others if applicable] ➤ Databases: [Specify databases used - \*e.g., MySQL, PostgreSQL, MongoDB\*] ➤ Tools: Git, Docker, Kubernetes, JUnit, Mockito, [Add others if applicable] ➤ Methodologies: Agile/Scrum ➤ Cloud Platforms: [Mention any cloud experience like AWS, Azure, GCP if any] Education [Name of School] | 10+2

## Work experience

### ● Software development

01/04/2025 - 23/11/2025

XYZ Private Limited

Experiences: Java ➤ Software Engineer Intern, Acme Corp | \*Summer 2023\* • Designed, developed, and tested RESTful APIs using Java Spring Boot, adhering to microservices architecture principles. • Contributed to the development of a high-throughput data processing pipeline utilizing Apache Kafka for real-time analytics. • Implemented unit and integration tests using JUnit and Mockito, achieving 90% code coverage. • Collaborated with senior engineers on code reviews, ensuring adherence to coding standards and best practices. • Utilized Git for version control and participated in Agile/Scrum development methodologies. ➤ Java Developer, Beta Industries | \*2022 - 2023\* • Developed and maintained core components of a high-volume e-commerce platform using Java, Spring Framework, and Hibernate. • Optimized database queries and application performance, resulting in a 15% reduction in average response time. • Collaborated with front-end developers to integrate back-end services with user interfaces. • Participated in the design and implementation of new features, adhering to architectural guidelines. • Deployed and monitored applications using Docker and Kubernetes in a cloud environment. ➤ Research Assistant, University X | \*2021 - 2022\* • Developed a Java-based simulation model for analyzing network traffic patterns. • Implemented algorithms for data analysis and visualization using Java libraries such as JFreeChart. • Conducted experiments and analyzed results to validate the simulation model. • Presented research findings at conferences and contributed to the publication of research papers. • Utilized data structures and algorithms to solve complex problems in network simulation.

## Projects



### **Student CRUD Project**

Post, Get, GetById, Put, Delete Api for student create, show, update and delete