

# ARNAB MONDAL

+91 75848 50183    [itzarnabmondal.github.io](https://github.com/itzarnabmondal)    [arnabmondal@onmail.com](mailto:arnabmondal@onmail.com)    Kolkata

## SKILLS

### Programming Languages

JAVA 21+ | JavaScript | C

### Frameworks & Libraries

J2EE/JakartaEE | Hibernate  
Spring Framework | Spring  
Boot | Spring Webflux |  
Quarkus | Vaadin Flow

### Databases

SQL:

MariaDB/MySQL | H2 DB  
HyperSQL/HSQldb

NoSQL:

MongoDB | Redis

### Cloud and Deployment

AWS [ EC2 | RDS | S3 ]  
Tomcat | GlassFish | Wildfly  
Docker & Kubernetes

### VC & Build Tools

Git/Github | Subversion  
Ant | Maven | Gradle

### Testing & Logging

JUnit 5 - Unit Testing  
Integration Testing  
JMeter - Load Testing  
LOG4J | SLF4J

### IDE & Other Tools

IntelliJ IDEA | STS | vscode  
Eclipse | Dbeaver | Datagrip  
Insomnia | Postman

### Other Skills

Familiar with front-end  
technologies like HTML, CSS  
and JavaScript.

Experienced with  
GNU+Linux, JVM,  
Object-oriented/Functional/  
Reactive programming,  
Design patterns, DS & Algo,  
Cyber security etc.

## SUMMARY

Passionate and self-motivated final-year Bachelor of Computer Applications student with over a year of hands-on experience in the Java ecosystem and web development, aiming for a Junior Java Developer role to thrive in a forward-thinking tech environment. Possesses a solid foundation in computing and designing scalable, efficient, distributed, and secure back-end systems using Java/JVM technologies. Experienced with GNU+Linux and modern JVM frameworks like Jakarta EE, Spring Boot, Hibernate, and Vaadin. Also knowledgeable in the latest technologies used in the industry, including Cloud Computing, Microservices, NoSQL, Docker, event streaming platforms like Kafka, and Reactive Programming.

## PROJECTS

### ❖ Flow Messenger - Currently working on

- An open-source messaging application prioritizing privacy, portability, and security. Developed with Java, Spring Boot, and Vaadin Flow, it is designed for seamless and rapid deployment across various platforms supporting the Java runtime. The application leverages embedded HSQLDB with Spring Data JDBC for efficient data storage, and Java virtual threads to optimize the handling of blocking I/O operations.

[github.com/itzarnabmondal/flowmessenger](https://github.com/itzarnabmondal/flowmessenger)

### ❖ CRM

- A simple crm single page application with Web UI built using Spring Boot and Vaadin where you can store and modify customer details and search them.

[github.com/itzarnabmondal/crm](https://github.com/itzarnabmondal/crm)

### ❖ Library Management System

- It's a library management system REST API built using Java, Spring Boot, MySQL and secured by Spring Security that allows users to perform various operations related to books and customers.

[github.com/itzarnabmondal/SprintOneProject](https://github.com/itzarnabmondal/SprintOneProject)

### ❖ WebSocket Chat

- This is a real time chat room web application built using Spring Boot, WebSocket, HTML, CSS and JavaScript. It allows users to join a chat room, send messages, and see messages from other users.

[github.com/itzarnabmondal/realtime-websocket-chat](https://github.com/itzarnabmondal/realtime-websocket-chat)

Knowledgeable in  
Microservices, Distributed  
systems, Database and  
System design, Embedded  
systems etc.

📌 I am not an expert in all  
the technical skills listed  
above. However, I have a  
good understanding of how  
they work, have used them  
in projects, and am  
passionate about continuing  
to learn and master these  
technologies.

## LANGUAGES

---

**Bengali** - Native  
**English** - Intermediate  
**Hindi** - Beginner

## HOBBIES

---

Coding and contributing to  
open source projects,  
Learning about electronics  
and tech, Playing with  
Unix/Linux based operating  
systems, Traveling, and  
Photography.

## FAVORITE QUOTE

---

"Talk is cheap. Show me  
the code." - *Linus Torvalds*

### ❖ Bank Management System

- Lightweight and secure CLI application built with Java, JDBC and MySQL simulates working of a bank with account creation, secure multi factor authentication and password reset functionalities.

🔗 [github.com/itzarnabmondal/bank-management-system](https://github.com/itzarnabmondal/bank-management-system)

### ❖ Employee Management Web Application

- Full stack employee management web application built using Java, Spring Boot, MySQL and Angular.

🔗 [github.com/itzarnabmondal/SprintTwoProject](https://github.com/itzarnabmondal/SprintTwoProject)

### ❖ Easy ToDo

- A simple and user-friendly todo web application is here to help you organize and streamline your daily tasks and responsibilities.

🔗 [github.com/itzarnabmondal/todo](https://github.com/itzarnabmondal/todo)

### ❖ Spring Boot MongoDB Reactive

- An example CRUD application to demonstrate Spring Boot and MongoDB reactive data access.

🔗 [github.com/itzarnabmondal/springboot-mongodb-reactive](https://github.com/itzarnabmondal/springboot-mongodb-reactive)

### ❖ Simple Phonebook

- It's a simple CLI project written in C for windows os where you can save, delete and modify contact details.

🔗 [github.com/itzarnabmondal/SimplePhonebook](https://github.com/itzarnabmondal/SimplePhonebook)

## CERTIFICATIONS

---

### ❖ 435 hours of training on Java Full Stack Development at Anudip Foundation

🔗 [drive.google.com/file/d/10T7twth3V0ik4gLpGFPlago4OiQTGbEy](https://drive.google.com/file/d/10T7twth3V0ik4gLpGFPlago4OiQTGbEy)

### ❖ HackerRank SQL Certification

🔗 [hackerrank.com/certificates/cc7c4af64f84](https://hackerrank.com/certificates/cc7c4af64f84)

### ❖ HackerRank REST API Certification

🔗 [hackerrank.com/certificates/26d0674fbb97](https://hackerrank.com/certificates/26d0674fbb97)

## EDUCATION

---

### ❖ Bachelor of Computer Applications

- Singhanian University | 2021 - 2024

### ❖ Class - XII ( Science )

- Tehatta High School (WBCHSE)

### ❖ Class - X

- Tehatta High School (WBBSE)