

ARNAB MONDAL

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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 [HTML, CSS,
JS], REST / SOAP API and
Network Protocols.

SUMMARY

Passionate Bachelor of Computer Applications undergraduate with over a year of experience in the Java ecosystem, seeking a challenging role as a **Junior Server-side Java Developer**. Possesses a solid foundation in computing and architecting high-performance, scalable, and secure back-end solutions using Java/JVM technologies.

PROJECTS

❖ Flow Messenger - currently working on

- A portable and secure web-based messaging application built using Spring boot and Vaadin. Designed to run in any hardware/software architecture that has a JVM, with a single executable JAR. Utilized HSQldb & Spring Data JDBC for lightweight storage and Java virtual threads for blocking operations.
- github.com/itzarnabmondal/flowmessenger

❖ CRM

- A simple crm 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

❖ Library Management System

- It's a library management system REST API built using Spring Boot and secured by Spring Security that allows users to perform various operations related to books and customers.
- github.com/itzarnabmondal/SprintOneProject

❖ WebSocket Chat

- This is a chat web application built using Spring Boot and WebSockets. It allows users to join a chat room, send messages, and see messages from other users.
- github.com/itzarnabmondal/realtime-websocket-chat

❖ Bank Management System

- Lightweight command line application built using Java SE, 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

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

Knowledgeable in Microservices, Distributed systems and Database/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, Photography

FAVORITE QUOTE

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

❖ Employee Management Web Application

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

❖ Spring Boot MongoDB Reactive

- A sample CRUD application to demonstrate Spring Boot and MongoDB reactive data access.
- github.com/itzarnabmondal/springboot-mongodb-reactive

❖ Simple Phonebook

- It's a simple TUI project written in C for windows os where you can save, delete and modify contact details.
- github.com/itzarnabmondal/SimplePhonebook

CERTIFICATIONS

❖ 435 hours of training on JAVA Full Stack Development at Anudip Foundation.

drive.google.com/file/d/10T77wth3V0ik4gLpGFPlago4OiQTGbEy

❖ HackerRank SQL Certification.

hackerrank.com/certificates/cc7c4af64f84

❖ HackerRank REST API Certification.

hackerrank.com/certificates/26d0674fbb97

EDUCATION

❖ Bachelor of Computer Applications

- Singhanian University | 2021 - Present

❖ Class - XII (Science)

- Tehatta High School (WBCHSE)

❖ Class - X

- Tehatta High School (WBBSE)