

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 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

❖ 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

❖ 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

❖ 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

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)