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 hands-on experience in the Java and GNU+Linux ecosystem, seeking a Junior Server-side Developer role.
Possesses a solid foundation in computing and architecting scalable, distributed, efficient and secure back-end solutions using Java/JVM technologies.

PROJECTS

❖ **Flow Messenger** - Currently working on
- A portable and secure messaging web application built with Java, Spring Boot and Vaadin Flow. Designed to run in any hardware/software architecture that has a Java runtime. Utilized embedded HSQLDB & Spring Data JDBC for efficient data storage and Java virtual threads for 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

❖ **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

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

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, Photography

FAVORITE QUOTE

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

❖ **Employee Management Web Application**
  - Full stack employee management web application built using Java, Spring Boot, MySQL 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**
  - An example 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/10T7twth3V0ik4gLpGFPlago4OiQTGbEy

❖ **HackerRank SQL Certification**
    🔗 hackerrank.com/certificates/cc7c4af64f84

❖ **HackerRank REST API Certification**
    🔗 hackerrank.com/certificates/26d0674fbb97

EDUCATION

❖ **Bachelor of Computer Applications**
  - Singhania University | 2021 - 2024

❖ **Class - XII (Science)**
  - Tehatta High School (WBCHSE)

❖ **Class - X**
  - Tehatta High School (WBBSE)