

Debojyoti Mahto

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LINKS

Portfolio: debojyoti.netlify.app
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OBJECTIVE

Seeking a challenging environment to apply academic skills, contribute to real-world problem-solving, and advance both my career and the organization.

SKILLS

Technical Skills

- JAVA
- RUST
- C++
- SQL
- GITHUB
- Object Oriented Programming
- Database And Management
- Data Structures And Algorithms

Tools & Utilities

- Git
- Eclipse
- Visual Studio
- Jenkins
- Docker
- Jira
- Rust Rover

ACHIEVEMENTS

- Gold Badge in Java on **HackerRank**
- 400+ Problems on **LeetCode**

PERSONAL PROJECTS

CRYPTO WALLET | RUST

Current

- Used secp256k1 library to generate a new key pair for Ethereum.
- WebSocket connection established through Infura.

HEADLINES NEWS APP | RUST

Dec 2023 - Jan 2024 | [Github.com/debu4natsu/headlines](https://github.com/debu4natsu/headlines)

- Fetches top headlines from newsapi.org.
- The Frontend is handled using egui 0.25.0 crate.
- Incorporates features like dark mode, API key handling, and user configuration.
- Follows Rust's ownership and borrowing system.

CAR RENTAL SYSTEM | JAVA

Oct 2023 - Nov 2023 | [Github.com/debu4natsu/Car-Rental-System](https://github.com/debu4natsu/Car-Rental-System)

- Designed object-oriented classes to model entities and interactions.
- Implemented encapsulation with private fields and public methods for controlled class state access.
- Created a console-based menu system for users to interact with the system.
- Implemented logic for car rental, return, pricing, and display functionality.

GROUP PROJECTS

TOURS AND TRAVEL WEBSITE | SERVLET, HTML, CSS, SQLPLUS

Aug 2023 - Sep 2023

- Utilized MVC architecture and Maven tool for efficient resource and file management, deployed on Tomcat 8.5 server.
- Employed SQLPLUS for Backend Data Management.
- Defined roles for Application actors, including Admin responsibilities such as User and place management, and Manager tasks like adding, editing, and updating places.

SINGLE AXIS SOLAR TRACKER | HARDWARE PROJECT

May 2023 - Jun 2023

- Horizontal Single-Axis Tracker.
- Components used like LDR sensors, Servo Motor etc.
- Sun's Angle Algorithm.
- Enhanced Energy Efficiency.

CERTIFICATES

•SQL •Java •OOPS in Java •Microsoft Azure

EDUCATION

Expected June 2024
2020
2018

Asansol Engineering College
Sree Ayyappa Public School
Ursuline English Medium School

B.Tech, Electronics & Commu. Engineering | CGPA - 8.67(till 6th sem)
Intermediate - 68%
Matriculation - 86.5%