

# BAPPA BERA

Kolkata, West Bengal 721136

☎ +91 6296142213 ✉ [bappaberas0808@gmail.com](mailto:bappaberas0808@gmail.com) 🔗 [linkedin.com/in/bappa0808](https://www.linkedin.com/in/bappa0808) 🐙 [github.com/Bappa0808](https://github.com/Bappa0808)

## Professional Summary

Motivated Computer Science graduate with a strong foundation in full-stack development, proficient in Java, React, and Spring Boot. Demonstrated ability to deliver scalable projects and solve complex DSA challenges on LeetCode. Seeking a role in software development to leverage my expertise in creating impactful solutions.

## Education

**Abacus Institute of Engineering and Management**

*Bachelor of Technology in Computer Science and Engineering*

**Sep. 2020 – June 2024**

*Hooghly, West Bengal*

## Relevant Coursework

- Data Structure
- Operating Systems
- Computer Networks
- Database Management
- Computer Architecture
- Software Engineering

## Projects

**RESTful API for Travel Companion** | *Spring Boot, MySQL, Hibernate, Postman*

**January 2024**

- Developed authentication and user login functionalities to secure access.
- Implemented endpoints to retrieve detailed travel information, including expenses and related data.
- Enabled location-based search, allowing users to find travel details based on specified destinations.
- Tested APIs thoroughly using Postman to ensure robust data handling and reliability.

**Hospital Management System** | *Java, Spring Boot, Hibernate, MySQL*

**November 2024**

- Designed and developed a comprehensive hospital management system featuring patient registration, scheduling, and billing.
- Optimized SQL queries to ensure fast data retrieval, achieving 99.9 percent accuracy in data handling.
- Integrated secure data encryption protocols to safeguard sensitive patient information.

**Car Rental Application** | *Java, Eclipse, Spring Boot, MySQL, Hibernate*

**October 2024**

- Built a car rental system enabling users to book cars and generate rental bills.
- Applied encapsulation and modular design to improve maintainability and scalability.
- Implemented comprehensive error handling and logging to enhance system reliability.

## Internships

**Persistent Systems - LMS Summer Internship**

**June 2023 – Aug. 2023**

*Strengthened expertise in Data Structures and Algorithms (DSA) by solving real-world challenges and optimizing algorithms. Gained hands-on experience with Java and Database Management Systems (DBMS), focusing on query optimization and performance improvement.*

## Technical Skills

**Languages:** Java, C, HTML/CSS, JavaScript, React, Spring Boot, Hibernate, MySQL

**Developer Tools:** VS Code, Eclipse, Google Cloud Platform

**Technologies/Frameworks:** Linux, GitHub, JQuery, Figma, Postman

## Certifications / Leadership

- AWS Cloud Foundation & Architecting Virtual Internship – Edu-skills
- Completed a Full-Stack Web Development course from Udemy.
- Organized a coding competition at our college, managing backend operations, creating coding test cases, overseeing the entire process, and ensuring smooth execution.