SUBHADEEP GHOSH

Kolkata, West Bengal-700052 | +91 9564469300
subhadeepghosh1270@gmail.com | www.linkedin.com/in/subhadeep-ghosh-a068a0250

SUMMARY

Motivated MCA student with a strong foundation in software development and information technology. Seeking a Software Engineering Internship to apply skills in Java, JavaScript, and backend development. Passionate about building scalable applications and enhancing user experiences. Eager to collaborate with cross-functional teams and contribute to innovative solutions.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C++, SQL
Frameworks & Libraries: React, Next.js, Express.js, Socket.IO, JUnit 7, Redux Toolkit, Tailwind CSS, Bootstrap
Databases: MongoDB, MySQL, SQLite
Tools & Concepts: Git, Node.js, Razorpay, JDBC - Concepts: REST APIs, OOP, Data Structures & Algorithms.

PROJECTS

1. Full-Stack E-Commerce Website

- **Tech Stack:** React.js, Express.js, Razorpay, MongoDB, JWT, Bootstrap,
- Developed a full-stack e-commerce platform with user-friendly UI and secure payment processing
- Integrated Razorpay for secure payment handling and order management
- Implemented JWT-based authentication for user login and session management
- Optimized backend response time by 30% using indexing and efficient queries

2. Real-Time Chat Application

- **Tech Stack:** Socket.IO, React.js, Express.js, MongoDB
- Built a real-time chat application using Socket.IO for instant messaging
- Implemented user authentication, message encryption, and real-time notifications
- Handled concurrent connections efficiently, ensuring low latency

EXPERIENCE

Associate Software Engineer - Tata Consultancy Services (TCS)   [2022-2024]
- Worked on SQL-based projects
- Data management.
- Optimized complex queries for better performance.
- Collaborated with teams to ensure data integrity.

EDUCATION & OTHER

Master of Computer Applications (MCA) - Amity University Kolkata

Bachelor of Science (B.Sc.) in Physics - The university of Burdwan: 2022

LANGUAGES: Bengali, English, Hindi

SOFT SKILLS: Strong problem-solving and analytical thinking & Team collaboration and leadership