BIBEK SWAIN

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SUMMARY

A skilled full-stack developer with experience in Java, Python, JavaScript, and various frameworks, proficient in building responsive and user-friendly web applications. Eager to contribute to a team and deliver high-quality software solutions.

EDUCATION

Bachelor of Technology - Computer Science and Engineering   **2021 - 2025**

DRIEMS University, Cuttack

CGPA: 8.29

Intermediate Education   **2019 - 2021**

Stewart Science College, Cuttack

CHSE- 84%

Matriculation   **2018 - 2019**

Queen Mary's School, Cuttack

ICSE- 82.83%

PERSONAL PROJECTS

Real Estate Application (MERN Stack)

- Developed a full-stack web application using MongoDB, Express.js, React, and Node.js for real estate listings and transactions.
- Implemented robust user authentication system using JWT tokens with access and refresh token mechanism for enhanced security.
- Integrated real-time chat functionality using Socket.io, enabling seamless communication between buyers and sellers.
- Designed and implemented a responsive user interface for optimal viewing across various   devices.

Fees Management System (MERN Stack)

- Developed a comprehensive fees management system with full CRUD functionality,   allowing admins to create, update, and manage fee structures and student records.
- Enabled admins to assign students to specific fee structures and track payments, including   adding and updating payment details for accurate record-keeping.
- Utilized MongoDB for efficient data storage and retrieval, supporting scalable and flexible   data management for complex fee records and transactions.
- Designed an intuitive user interface for easy navigation, ensuring seamless management   of fees and student information by administrators.

Online Cloud IDE

- Developed a full-stack cloud-based IDE application supporting multiple languages, including TypeScript, JavaScript, Java, C++, and Node.js, allowing users to write and execute code in real time.
- Leveraged Docker containers to isolate each user's environment, ensuring secure and consistent execution across all sessions.
- Managed Docker containers with Kubernetes, enabling scalable orchestration and resource allocation for

optimized performance under varying loads.
● Implemented a responsive and intuitive user interface, providing a seamless coding experience across desktop

TECHNICAL SKILLS

Languages: C++, C , JavaScript
Web Technologies: HTML, CSS, Tailwind, JavaScript, TypeScript, Expressjs, React, Nodejs
Databases: MongoDB , PostgreSQL
System Design: Software Development, MicroServices, Event-Driven Architecture, Monolithic Architecture
DevOps Tools: Docker, Kubernetes
Cloud: AWS