

KAIBALYA KAR

Bhubaneswar, Odisha

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Summary

An aspiring Software Developer with a strong foundation in backend development and a proven track record of delivering scalable and efficient solutions. Collaborated on multiple projects with SearchingYard, leveraging Node.js, mongodb and other modern technologies to build impactful web applications. Passionate about solving complex problems, optimizing performance, and continuously expanding technical expertise.

Education

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| Centurion University of Technology and Management, Odisha | 2020 – 2024 |
| <i>B.Tech in Computer Science and Engineering - CGPA: 8.5</i> | <i>Bhubaneswar, Odisha</i> |
| Reshma Higher Secondary School, Odisha | 2018 – 2020 |
| <i>12th - Percentage: 63</i> | <i>Cuttack, Odisha</i> |
| Kendriya Vidyalaya, Odisha | 2017 – 2018 |
| <i>10th - Percentage: 62.3</i> | <i>Bhubaneswar, Odisha</i> |

Technical Skills

Programming Languages: C++, JavaScript

Frameworks & Libraries: Node.js, Express.js

Databases: MongoDB, PostgreSQL

Tools & Platforms: Git/GitHub, Postman, VS Code

Soft Skills: Communication, Teamwork, Problem Solving, Client Interaction

Experience

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| Backend Developer Intern | Jan 2024 - June 2024 |
| <i>SearchingYard</i> | <i>Bhubaneswar, Odisha</i> |
| <ul style="list-style-type: none">Developed and optimized scalable web applications, servicing over 10,000 active users, using Node.js, TypeScript, and Express.js.Enhanced system performance by refactoring legacy code, improving response times by 30% and reducing resource usage. | |

Projects

- **Chat Application** | Node.js, Express.js, MongoDB, React, Socket.io
 - Developed a full stack responsive chat app using sockets for real-time communication.
 - Developed APIs for user authentication, message handling, and managing chat rooms.
 - Implemented Socket.io to enable real-time two-way communication between clients and the server.
 - Integrated MongoDB to store user data, chat histories, and room information efficiently.
 - Built a responsive front-end with React, incorporating features like live chat updates, user status indicators, and typing notifications.
 - Secured the application by using JWT for user authentication and role-based access control.

Certifications

Mern Stack Web Development - Code-Help Certificate