SOUVIK GHOSH

Kolkata, West Bengal

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TECHNICAL SKILLS

Languages: Java, C, JavaScript, Python, Oracle, SQL, NoSQL, Go, CSS
Frameworks/Technologies: React.Js, Node.Js, Express.Js, MongoDB, Linux, GitHub, Git

EDUCATION

Heritage Institute Of Technology   **Oct 2021 – Present**
*Computer Science and Business System - **CGPA - 7.11***   *Kolkata, India*

Bankura Banga Vidyalay   **Apr 2019 – Mar 2021**
*WBCHSE(XII) - **Percentage - 89%***   *Bankura, West Bengal*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Computer Networks
- Database Management System (DBMS)
- Machine Learning
- OOPS Concept(Java)

PROJECTS

EduConnect ↗ | (MERN, Redux, Tailwindcss)   **Jul 2023 – Aug 2023**

- Spearheaded the complete development of a web application, managing both front-end and back-end programming; successfully launched the platform within a 3-month timeline.
- Led the EduConnect e-library project, enhancing user access to digital educational resources and increasing user engagement by 25%.
- Collaborated with a 6-member team to streamline project execution, reducing the project timeline by 20%.
- Improved overall project efficiency by 40% through curated collections of books and articles.

FrontRow ↗ | (MERN, Tailwindcss, NodeMailer)   **Jun 2024 – Jul 2024**

- Led a team of 5 in the agile development of FrontRow, implementing iterative feedback loops that resulted in a accelerated project timeline, achieving a 20% reduction while maintaining high-quality deliverables.
- Built a responsive web application with React.js, Node.js, Express.js, and MongoDB, increasing user engagement by 40%.
- Enhanced UI/UX with Tailwind CSS, improving mobile responsiveness by 30%.
- Designed and executed a centralized task delegation system that increased workflow efficiency for 5 team members, enhanced project completion rates by 35% while eliminating task duplication for a efficient process.

MyShare ↗ | (MERN, Tailwindcss)   **Jan 2024 – Feb 2024**

- Conceptualized and developed 'myShare," a web application for seamless file uploads that facilitated the sharing of over 40 unique files within the first month.
- Engineered a robust server with Node.js and MongoDB, achieving 99.9% uptime and ensuring secure file handling.
- Implemented drag-and-drop uploads and automatic link generation, enhancing user satisfaction and receiving positive feedback from 40+ users.
- Optimized file storage and retrieval by implementing indexing and automated backups, boosting performance by 40% and reducing retrieval time from 5 minutes to under 1 minute.

EXTRACURRICULAR & ACHIEVEMENT

InternShip & Industrial Traning (Ardent Computech Pvt.Ltd.)   **Jun 2024 – Jul 2024**

- Completed a 6-week MERN Stack internship, collaborating with a team of 5 to develop a web application. Prepared reports, presented outcomes, and delivered the project on time with a 100% completion rate.

Smart India Hackathon   **Sep 2023**

- Achieved 9th place in a competitive internal Hackathon by conceptualizing an innovative solution that streamlined communication processes; presented the prototype to a panel of five judges, enhancing team visibility and collaboration efforts.

CERTIFICATIONS

- FullStack Web Development - Udemy
- IBM Machine Learning - Coursera