AKSHAY KUMAR MANDAL

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SOFTWARE ENGINEER

Summary

A highly motivated and results-oriented Software Engineer with a strong foundation in object-oriented programming, data structures and algorithms, and database management systems. Seeking an internship opportunity to leverage my skills and contribute to the development of high-quality software solutions at Salesforce. I am eager to learn and grow within a dynamic and collaborative environment.

Technical Skills

Programming Languages: C++, Java, Python
Web Development: HTML, CSS, JavaScript, React.js
Database: MySQL, SQL
Other: Object-Oriented Programming, Data Structures & Algorithms, Agile Methodologies

Projects

- **Harmonixa Music**

Developed a comprehensive music streaming website using HTML, CSS, JavaScript, and MySQL.
Implemented a robust backend using Django framework, integrated APIs for song recommendations and artist profiles, and designed a scalable and efficient database architecture for high-performance data retrieval and storage.

- **Blood Donation and Finder Website**

Developed a user-friendly interface for both donors and recipients allowing them to easily register, search for compatible blood types, schedule donations, and track the status of their requests using HTML, CSS, JavaScript, and Django.
Implemented a robust search feature and matching algorithm that identifies compatible donors based on recipient needs, ensuring efficient blood matching and timely assistance, utilizing MySQL for data storage and retrieval.

Education

- **Bachelor of Technology in Computer Science Engineering (B.Tech)**
Jis University, Kolkata
CGPA: 8.2/10
Duration: 2022-2026
Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Web Development, Database Management Systems

- **Higher Secondary (12th)**
Rs More College, Dhanbad, Jharkhand
Percentage: 79.9%
Duration: 2020-2022
Relevant Coursework: Science

Experience

- **Leadership Role | Skilx**
Jan 2023 - Feb 2023
Spearheaded a high-performing team as a leader, driving project success through strategic planning, effective communication, and collaborative problem-solving. Demonstrated exceptional leadership skills, resulting in improved team productivity and enhanced project outcomes.

Awards & Achievements

- **Social summer Of code**
- **Winner of Coding Competition in my College**

Key Highlights:

Strong foundation in computer science fundamentals, including object-oriented design, data structures, algorithm development, problem-solving, and complexity analysis.
Proven experience in developing and deploying software products, contributing to automated testing frameworks, and supporting and monitoring cloud services.
Excellent communication and collaboration skills, coupled with the ability to thrive in a fast-paced environment.