

Samyak Shankhdhar

Software Developer

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EDUCATION

Pranveer Singh Institute of Technology

Dec 2020 – June 2024

Bachelor of Technology in Computer Science

CGPA 6.60

Coursework: **Data Structure & Algorithm, Object Oriented Programming, DataBase Management System**

WORK EXPERIENCE

Beyond Innovation | Backend Developer

May 2023 – July 2023

- Collaborated with a team of 6 to design and programmed a powerful backend system for the web app, ensuing in a seamless user experience and reducing server response time by 37.69%
- Utilized Agile methodologies to manage project timelines, adding to the successful completion of the web app within budget and ahead of schedule
- Researched and implemented the Spring Boot framework to build a robust backend system, enhancing the response time by 53.91%

PROJECTS

Covid Mapping | Web App, MongoDB, Nodejs

- Researched Nodejs and MongoDB to develop a comprehensive COVID-19 cases mapping project, increasing accessibility to real-time data for users
- Programmed effective data visualization techniques using D3.js library, helping in an improved understanding of COVID-19 trends among users
- Assembled an automated data collection system that tracked and located new COVID cases worldwide

Employee Management System | Spring Boot, Mysql

- Developed a scalable web application using the Spring Boot framework, resulting in a 40% increase in performance and reducing load time
- Engineered a centralized employee database system, resulting in a reduction of manual data entry by and an increase in efficiency

ACTIVITIES AND LEADERSHIP

ENERGY CLUB, PSIT KANPUR – Football Captain

July 2022 – Present

- Organized and facilitated 5 intercollegiate football tournaments, which concluded an increased participation by 20% each year
- Implemented a strategic practice schedule, resulting in an improvement in overall team performance and leading to winning the league championship
- Motivated and inspired team members through weekly pep talks, improving overall morale

CULTURAL CLUB, PSIT KANPUR – Executive Member

July 2022 – Present

- Coordinated a team of 20 student volunteers to manage various activities during club meetings and events, ensuring smooth operations and active participation from over 200 club members
- Executed 10 successful cultural events, securing sponsorships from local businesses, adding in a total revenue of Rs.50,000
- Directed strategic partnerships with other colleges such as IIT Kanpur to expand the club's reach, leading to a 30% increase in membership and engagement

ADDITIONAL INFORMATION

- **Technical Skills:** Java, C++, NodeJs, MongoDB
- **Technologies\Frameworks:** Spring Boot, ReactJS, HTML, CSS, Bootstrap
- **Developer Tools:** Github, Git, VS Code, JSON
- **Soft Skills:** Leadership, Team Management, Limberness, Metacognitive