Rajesh Adimula

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Education

Indian Institute of Technology Kharagpur   Nov 2020-May 2024
Bachelor of Technology in Electrical Engineering(GPA: 8.49/10.00)   *West Bengal, India*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Operating Systems, Computer Organisation and Architecture, Probability and Statistics, Object Oriented Programming

Work Experience

Accordion   May 2024 – Present
Data Engineer II   *Hyderabad, India*
- Performed ETL operations using GCP **BigQuery** to efficiently manage and transform large-scale datasets.
- Created and deployed **Airflow** DAGs to fully automate data processing workflows, reducing manual work by 30%.
- Ensured data accuracy and reliability through rigorous end-to-end testing and validation, reducing errors by 98%.

Accenture   Jun 2023 – Jul 2023
Software Engineer Intern   *Bangalore, India*
- Contributed to the successful consolidation of internal applications into a unified platform, streamlining processes.
- Designed responsive user interfaces with **Angular**, leading to a **15%** improvement in user satisfaction scores.
- Successfully managed diverse tasks and resolving bugs, while enhancing practical software development skills.

Projects

E-commerce Platform   Apr 2023 – May 2023
- Developed a fullstack E-commerce web application using **ReactJS**, **NodeJS**, ExpressJS, and MongoDB.
- Utilized React features like **Routing** and Context API for state management and improved application performance.
- Created a **REST API** for backend operations and Implemented secure user authentication with bcrypt and JWT.
- Designed a user-friendly admin dashboard for real-time inventory tracking and order management efficiency.
- Integrated advanced product filtering and dynamic cart functionality, ensuring a seamless customer experience.

Hotel Management System   Dec 2022 – Jan 2023
- Developed a Hotel Management System using Python **Tkinter** and **MySQL** db, ensuring secure data management.
- Implemented customer registration, booking, and real-time room availability features efficiently and effectively.
- Created a database with appropriate tables and established relations among them for efficient data management.
- Optimized MySQL queries for fast performance and ensured robust data security with thorough validation checks.

Skills and Expertise

Languages: C++ — C — Python — JavaScript — SQL — HTML — CSS
Frameworks/Libraries: ReactJS — NodeJS — ExpressJS — AngularJS — C++ STL — Python
Tools and Databases: Git — Github — VSCode — MySQL — MongoDB — PowerBI — Looker — Excel

Position of Responsibility

Secretary of Volleyball, JCB Hall of Residence   Jan 2022 – Apr 2022
- Taken the responsibility of Secretary of Volleyball in 2021-22 in Jagadish Chandra Bose's hall of residence. Managed the team very well and helped to give a good performance in the Interhall competition.

Awards and Achievements

- Ranked in the National top 2.3 percentile among 8.5 lakh students in Joint Entrance Examination Mains 2020.
- Ranked in the National top 10 percentile among 1.5 lakh students in Joint Entrance Examination Advanced 2020.

Extra Curricular Activities

- Member of volleyball team Jagadish Chandra Bose Hall of Residence and participated in the inter-hall competition.
- Actively contributed to National Service Scheme(NSS) as a volunteer and actively participated in the programs.