

RISHAV GHOSH

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👤 portfolio.mrx.today

Education

Bengal Institute of Technology

Bachelor of Technology in Computer Science and Engineering (cgpa 7.88)

Sep. 2020 – Aug 2024

Kolkata, West Bengal

Technical Skills

Languages : C, Java, Python, JavaScript, TypeScript, SQL, HTML, CSS

Databases : SQLite, MySQL, MongoDB

Frameworks: Flask, Angular, Django

Other Skills: Linux, Networking, Git, GitHub, AWS, Docker, Pandas, NumPy

Experience

Rudra Enterprise

May 2024 – August 2024

*Freelanced as a **Full-Stack Developer***

Bardhaman, West Bengal

- Developed a **Sales Management Website** for a business client, focusing on optimized sales tracking and analysis to improve operational efficiency and meet unique client needs.
- Leveraged **Python, Flask, SQLite, Angular, Render, and Netlify** to create a streamlined, responsive platform that integrates seamlessly with existing business processes.
- Implemented core features like **inventory management, CRM functionalities, and sales forecasting** tools, providing a comprehensive solution for managing and analyzing sales operations.
- Enhanced client productivity by incorporating customized solutions tailored specifically to the business, resulting in improved decision-making and resource management.
- Developed advanced features for real-time sales analytics, allowing for improved inventory tracking and customer relationship management, leading to streamlined sales operations.
- **URL:** rudraenterprise.mrx.today

Projects

Mail Management System: | *Python, Flask, TypeScript, HTML, CSS, Angular, Netlify, Render*

May 2024

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.
- **URL:** mail.mrx.today

TechFest Event Management Website: | *Python, Flask, SQLite, React, Render, Netlify*

Jun 2023

- Developed a TechFest Event Management Website to optimize event coordination and participant engagement.
- Implemented a seamless **registration system** to allow participants to sign up easily, manage their tickets, and track attendee details.
- Simplified **event scheduling**, allowing organizers to manage sessions, workshops, and keynote speeches effortlessly.
- Created an interactive frontend using **React** to ensure a user-friendly, intuitive experience for both organizers and participants.
- Deployed the website using **Render** and **Netlify**, ensuring scalability and reliable performance.

Communication Skills

Languages: English, Hindi, Bengali (mother tongue)

Extracurricular

Driven by a passion for analyzing challenges and delivering effective solutions.

Ongoing

Self-Driven

- Dedicated to solving complex coding problems and algorithms, enhancing problem-solving skills across multiple platforms such as LeetCode, HackerRank, and Codeforces.
- Engage in tackling networking problems, including routing, switching, and security protocols, to improve practical knowledge in networking domains.
- Continuously improve and refine skills by collaborating on open-source projects and participating in competitive programming challenges.