RISHAV GHOSH

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Education

Bengal Institute of Technology **Sep. 2020 – Aug 2024**
Bachelor of Technology in Computer Science and Engineering (cgpa 7.88) *Kolkata, West Bengal*

Technical Skills

Languages : Java, Python, C, JavaScript, TypeScript, SQL, HTML, CSS, Php
Databases : SQLite, MySQL, MongoDB
Frameworks: Flask, Angular, Django, Laravel
Other Skills: Linux, Networking, Git, GitHub, AWS, Docker

Experience

Reddensoft Infotech pvt ltd **March 2025 – Present**
Intern Software-Developer(Full-Stack) *Kolkata, West Bengal*

- Designed and developed a full-featured **Event Management System** allowing users to organize events such as **weddings, birthdays, and anniversaries** through a unified digital platform.
- Enabled end-to-end service booking including **caterers, DJs, venues**, and more, offering users a seamless event planning experience.
- Built dynamic tools for **budget estimation, vendor suggestions, and custom invitation generation**, tailored to user preferences and event scale.
- Engineered with **PHP, Laravel, MySQL, and Next.js**, ensuring responsive design and smooth integration across the stack.
- Focused on usability and scalability to support growing user needs, providing robust backend logic and intuitive frontend interactions.

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.