MASUM RAZA

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Education

Chandigarh Group of Colleges	**Sep. 2021 – May 2024**
Bachelor of Technology in Computer Science; CGPA: 8.21	*Landran, Punjab*
Al-Kabir Polytechnic	**Aug. 2018 – Sep. 2021**
Diploma in Computer Science; Percentage: 77.94%	*Jamshedpur, Jharkhand*
B. N. T. ST. Mary's Public School	**2018**
Matriculation	*Garhwa, Jharkhand*

Relevant Coursework

* Data Structures
* Algorithms Analysis
* Software Engineering
* Web Technology
* Cloud Computing
* Database Management
* Operating System
* Computer Networks

Experience

Solitaire Infosys Pvt. Ltd. | ⏷ view **July 2022 – August 2022**

Industrial Training *Mohali, Punjab*

· Strengthened skill in **React and Next.js** frameworks.
· Create reusable and maintainable **UI components** using **Tailwind** and **Bootstrap**.
· Implement and maintain state management using **Redux**.
· Ensure **cross-browser** compatibility and responsive design using **CSS3** and **HTML5**.
· Work collaboratively with team members using **Git/Github** for version contro

The Sparks Foundation | ⏷ view **June 2022 – July 2022**

Front End Developer Intern *remote*

· Contributed to the development of a website with **payment gateway integration**, ensuring seamless transactions for users.
· Expanded skills in **website development**, **front-end development**, and JavaScript, resulting in a 50% improvement in code efficiency

Projects

Student Help Desk | 🔗 demo ⌗ github | *React Js, Sanity, Payment Gatway* **January 2023**

· Developed a comprehensive online directory using **React JS** and **Sanity**, resulting in a 25% reduction in time spent searching for resources.
· Implemented a **payment gateway** for seamless transactions and increased user convenience.
· Designed a **marketplace** feature that allows students to **buy or sell** used books and other items.
· Centralized resources, such as **PG accommodations** and mess services, to improve the overall student experience.

Air Canvas | ⌗ github | *Python3, OpenCV, Numpy* **September 2022**

· Utilized computer vision techniques, including color detection and tracking, to create a unique drawing experience.
· Developed an application using **Python 3, OpenCV, and NumPy** that captures the motion of a colored marker and translates it into **digital art**.
· Enabled users to create digital art simply by **waving their finger** in the air, improving **accessibility** for users of all ages and skill levels.

Cinematica | ⌗ github | *React Js, REST API* **August 2022**

· Developed Cinematica, a web application using **React**, JavaScript, HTML, and CSS that provides movie information and box office collections.
· Used a **REST API** to fetch movie data and added features such as live ratings, cast information, and session details.
· Implemented a **theme feature** that allows users to switch between a light and dark mode and theme persistence.
· Created a **Progressive Web App** (PWA) that allows users to download the application on desktop or mobile and run it in offline mode.

Technical Skills and Interests

Languages: C++, HTML, CSS, JavaScript, SQL
Developer Tools: VS Code,Git/Github, Android Studio
Frameworks: React, Bootstrap, Tailwind, Sanity CMS, WordPress
Cloud/Databases: Vercel, Firebase, Heroku
Soft Skills: Relationship management Team management, Time-management, Adaptability, Problem-solving, Goal setting.
Areas of Interest: Web development, Software Development, Cloud computing

Certifications

Web Development course from Internshala.com ⏷ view **Summer 2021**