Shaswata Mukherjee

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Experience

- **Capgemini Technology Services India Limited**   Full-time
  - *React Developer*   *May. 2022* – Present
    - Employed **React.js, JavaScript (ES6+), CSS3, and HTML5** to invigorate websites.
    - Optimized **Redux Store**, **API Calls** and achieved 95 % user satisfaction.
    - Collaborated with back-end developers to integrate **RESTful APIs**, enhancing application performance and functionality.
    - Implemented responsive design and ensured cross-browser compatibility for web applications.
    - Integrated **MongoDB** and **MySQL** databases for efficient data storage and retrieval.
  - *Identity & Access Management Analyst*   *Sep. 2020* – April. 2022
    - Developed **PowerShell** scripts for bulk database interactions.
    - Managed user access and passwords for clients using tools such as Active Directory, CyberArk, and Microsoft Identity Manager.

Projects

- **MyCardMate**   **GitHub Repo**
  - Designed and developed a **fully functional, responsive, and dynamic web application** for a business, resulting in a 25% increase in overall revenue and improved time management.
  - Implemented **state management using Redux Toolkit** to optimize data handling, reducing database query time by 50% and enhancing overall app performance.
  - Integrated a **React Store** to minimize API calls, significantly improving the application's efficiency.
  - Utilized **JWT tokens** for authentication and maintained robust error handling throughout the project, enhancing code quality and security.
  - Focused on a **component-based architecture** to ensure reusability and facilitate easy modifications for future updates.

- **MegaBlog**   **GitHub Repo**
  - Developed a **React-based** blog application integrated with **AppWrite** as the backend, handling CORS issues efficiently and ensuring smooth client-server interactions.
  - Utilized various **React hooks** for **state and lifecycle management**, enhancing the app's performance and user experience.
  - Implemented a React store for optimized state management and deployed the application successfully, ensuring it is fully functional and running seamlessly.

- **PlayTube (Ongoing)**   **GitHub Repo**
  - Designing an innovative video platform inspired by YouTube, aimed at fostering a community of 100 users.
  - Implementing robust Firebase authentication to achieve a 99.9% data protection rate, safeguarding user information from unauthorized access and breaches.

Education

- **Regent Education & Research Foundation Group of Institutions.**   Barrackpore, India
  B.Tech in Computer Science & Engineering; GPA: 8.59/10   *July. 2020 – June 2023*
- **Ramakrishna Mission Shilpamandira**   BelurMath, India
  Diploma in Electronics and Telecommunication Engineering; GPA: 8.6/10   *May. 2017 – June. 2020*

Technical Skills

- **Programming Languages:** Core JAVA, JavaScript, SQL(Basic), C(Basic), Python (Basic).
- **Web Technology and Frameworks:** React JS, Next JS, MongoDB, Express JS, Tailwind CSS, HTML, CSS.
- **Tools And Database:** Git, GitHub, VS Code, Vercel, MySQL.
- **Coursework Subjects:** Data structures And Algorithms, Object Oriented Programming.

Achievements & Hackathons

- **GeeksForGeeks: 800+ problems solved**
- **Internship on Network and Server Management (On Site) in TCS.**