Mohd Aanas

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SKILLS

Technical: C++ , DSA, JavaScript, Git, Github,Oops.
Web Development: React.js, Node.js, Express, MongoDB, HTML, CSS.
Cloud: Azure cloud technologies, Amazon Web Services (AWS), CI/CD, Docker.
Relevant: Computer Network, Operating System

INTERNSHIPS

Jr Program Intern   **Aug - 2024**
ITC LIMITED   **Saharanpur, U.P**

- Assisted in developing and implementing software solutions, contributing to various programming and development tasks.
- Developed and maintained a web-based application using React.js and Node.js, improving user experience and system efficiency.
- Created and integrated RESTful APIs for internal use, ensuring seamless communication between systems and enhancing application functionality.
- Contributed to the development of a data management system, implementing ETL processes and optimizing database queries for better performance.

PROJECTS

Digital Parking System

| MongoDB, Express.js, React.js, Node.js, JWT, Socket.io |

- Developed a Digital Parking System using the **MERN Stack** that enables real-time parking spot booking and management.
- Built an interactive and responsive user interface using **React.js** and **Tailwind CSS libraries**, enhancing the user experience.
- Implemented a robust backend using **Express.js** enabling secure user authentication,and an efficient database with **MongoDB.**
- Integrated real-time updates using **WebSockets(Socket.IO)** for real-time parking slot availability and status notification to users.

Disease - Dashboard

| MongoDB, Express.js, React.js, Node.js, JWT, Socket.io, Leaflet.js, Chart.js |

- Developed a disease year-by-year dashboard specifically for India using the **MERN Stack**,enabling users to visualize disease trends across states and districts.
- Implemented interactive **charts** and **heatmaps** to visualize regional disease trends, with filters for state, district, year and disease type.
- Integrated real-time updates for vector-borne disease using **WebSockets(Socket.IO)** , providing live data for disease outbreaks.
- Secured the system with JWT-based authentication and implemented role-based access for data management.

EDUCATION

UIET, Panjab University   **Chandigarh**

B.E. in Electronics and Communication Engineering   *CGPA: 7.41*   **2024 -2026**

CERTIFICATIONS

- Qualifier of the TechNova: Igniting Brilliance (Season 1)   **Sep-2024**