

MUHAMMED SABIR P

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Education

APJ Kerala Technological University

Bachelor of Engineering, Electrical and Electronics

08/2019 - 09/2023

Experience

Software Developer

Bistux Solutions

Jan 2024 – Present

- Revamped the company website with a modern UI using Material UI and React components, significantly improving user experience.
- Optimized and rewrote the entire dashboard codebase that displays real-time and aggregated hourly, daily, and monthly data in visually appealing graphs, achieving significant reduction in initial load time and enhanced time handling like automatic time zone conversions.
- Implemented a comprehensive contact activities timeline using Cassandra DB and RESTful APIs, featuring timestamped logs, actions, play recorded calls, live transcription, and quick notes, enhancing activity tracking.
- Designed advanced filtering and search functionalities for 500,000+ contacts in Cassandra DB, achieving faster and more efficient data retrieval.
- Developed robust pagination and microservices, improving system modularity and data navigation.

Projects

Blog Web Application | [Github](#) | React, JavaScript, Redux, React Router, TinyMCE, Appwrite, Tailwind CSS, Vite

- Developed a cutting-edge responsive web application that allows users to create, upload media, edit, and manage blog posts with efficiency.
- Implemented a robust backend and user authentication system using Appwrite, enabling seamless access across devices.
- Integrated TinyMCE for a rich text editing experience, empowering users to compose and format posts effortlessly.

Movie Review App | [GitHub](#) | JavaScript, HTML/CSS, MongoDB, Node.js, Express.js

- Created an intuitive web application where users can explore movies, read reviews, and contribute their own.
- Leveraged the TMDb API to dynamically fetch and display movie data, enhancing user engagement.
- Designed a robust search feature, facilitating easy discovery of movies by titles, and utilized MongoDB to efficiently store and manage user reviews, ensuring reliability and scalability.

React Todo | [Github](#) | React, JavaScript, HTML, Tailwind CSS, Vite

- Implemented core functionalities for managing Todos, including adding, editing, updating, and deleting tasks..
- Developed a robust state management system using Context API, ensuring data consistency and global access to Todo data, while employing the useContext hook to facilitate seamless and efficient component communication.

Django Online Course Web Application | [Github](#) | Python, Django, Bootstrap, JavaScript, HTML

- Developed a comprehensive online course management system, facilitating course creation, management, and delivery.
- Leveraged Django's MVT architecture for scalability and maintainability.
- Utilized Django's ORM to streamline database interactions and schema definitions.

Certificates & Achievements

- IBM - Developing Front-End Apps with React
- Developing Cloud Native Applications
- All India Rank-1 for gradeability at VDE eBAJA SAEINDIA 2022
- IBM - Developing Back-End Apps with Node.js and Express
- Django Application Development with SQL and Databases

Technical Skills

Languages: TypeScript | JavaScript | Python | C++ | Rust | HTML | CSS | Nix

Frameworks & Libraries: React | Express.js | Tailwind | Node.js | Django | Redux | React Router | Material UI | Bootstrap | React Flow

Databases: Cassandra | MongoDB | PostgreSQL | MySQL

Linux: Shell Scripting & System Administration | Package & File System Management | Firewall & Protocol Configurations

Software & Tools: Git | Visual Studio | Appwrite | TinyMCE | Postman | Heroku | Docker | IBM Code Engine | Vite | Figma |

Proteus | MATLAB Simulink | Microsoft Office | Ngrok | Blender | DaVinci Resolve | SolidWorks | ANSYS | IPG Carmaker