

AARIZ SIDDIQUI

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Education

St.Xavier's College

Bachelor of Science in Information Technology

Mumbai, Maharashtra

Relevant Coursework

- React
- HTML/CSS
- Node.js
- Java
- Express.js
- PostgreSQL
- MongoDB
- Application Deployment

Experience

Hitachi Systems India

April 2023– November 2024

Database Administrator

Mumbai, Maharashtra

- Managing databases to ensure smooth operation of the databases and trouble shoot in case of any escalation
- Day to Day task include creating schemas , tables , database,users etc, Performing CRUD operations, Installation, Configuring and monitoring servers.
- My major two clients were Hitachi Payments (Banking sector) and National Skill Development Corporation of India (Edtech).
- Backup and recovery strategies using pg dump and wal archiving

FreeLancing

October 2022– April 2023

Full Stack Developer

Mumbai, Maharashtra

- Creating backend authentication system using nodejs using bcrypt and json web token
- Defining Scehmas and models for MongoDB database using mongoose.
- Implemented a RESTful API in a project to ensuring seamless communication between the frontend and backend
- Creating highly responsive component based web pages using react hooks like useState(),useEffect(),useContext(),useNavigate() etc

Projects

Dynamic Website with Admin Panel | React,Node.js, Express.js,MongoDB,HTML/CSS

January 2025

- Developed a Full-Stack Dynamic Website using the MERN stack (MongoDB, Express.js, React.js, Node.js), featuring a user-friendly admin panel for managing content and user data.
- Applied Secure User Authentication with bcrypt for password hashing and JWT (JSON Web Tokens) for session management, ensuring secure user login and data access.
- Designed and Created a registration and login system with form validation on both frontend and backend, handling edge cases like duplicate emails and invalid input.
- **Admin Panel Features:** Role-based access control (RBAC) to restrict certain functionalities to admin users. CRUD operations for managing user accounts, content, or other data entities stored in MongoDB.
- Utilized Redux (or Context API) for state management, enabling efficient data flow between components.
- Established RESTful API endpoints using Express.js, enabling seamless communication between the frontend and backend.
- **Enhanced backend security with:** Environment variables for sensitive data using dotenv. Middleware for authentication, input validation, and error handling.
- Deployed the application on Heroku/Vercel/Netlify, with proper configuration for production environments.

Weather App | React,Javascript

November 2022

- Developed a React.js-based Weather Application that dynamically fetches weather data from a third-party API (e.g., OpenWeatherMap, WeatherAPI).
- Executed real-time data fetching using the Fetch API, displaying current weather, temperature, humidity, and other metrics.
- Utilized state management with React hooks (useState, useEffect) for efficient handling of API responses and component rendering.

To-Do List | React, Javascript

October 2020

- Built a React.js-based To-Do List Application for task management with a user-friendly interface.
- Enforced state management using React hooks (useState, useEffect) to handle task creation, deletion, and status updates dynamically.

Technical Skills

Languages: Javascript, Java

Developer Tools: VS Code, Postman, MongoDB compass/Atlas , Gitbash

Technologies/Frameworks: React , Node.js , Express.js , MongoDB ,Linux, GitHub