ABUZAR RAZIQ

Software Developer

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Portfolio | LinkedIn | GitHub

SUMMARY

Computer Science student and Software Developer with hands-on experience building REST APIs and scalable web applications using Node.js, Express.js, React.js, and Next.js, backed by PostgreSQL, MongoDB, and Redis. Practiced in modern software architecture, robust authentication, and real-time bidirectional communication. Strong problem solver, embracing efficient modern workflows (Linux, Neovim) and AI-assisted development tools to accelerate delivery. Quick to learn new frameworks and actively seeking junior developer or project-based roles to contribute to scalable, real-world systems in agile environments.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, C++, HTML5, CSS3, SQL
- **Backend & Concepts:** Node.js, Express.js, REST API Design, WebSockets (Socket.io), JWT Authentication, Data Structures, Object-Oriented Programming
- **Databases & Caching:** PostgreSQL, MongoDB, Redis, Mongoose ODM
- **Frontend:** React.js, Next.js, Tailwind CSS, Vanilla JavaScript
- **Tools & Workflow:** Linux (Ubuntu), Git, GitHub, Postman, Neovim, Warp Terminal

PROJECTS

Task Manager API Live Link

Node.js, Express, MongoDB, Mongoose ODM, JWT Auth

- Built a robust RESTful API backend for user and task management featuring secure JWT-based authentication and password hashing.
- Engineered the data layer using MongoDB and Mongoose, integrating advanced features including file uploads and role-based access control.

Real-Time Chat Application GitHub

Node.js, Express, Socket.io, Mustache.js, Moment.js, qs.js

- Developed a low-latency, room-based chat application leveraging WebSockets (Socket.io) for bidirectional real-time communication.
- Implemented dynamic room management where users can input a username and room name to instantly join or create channels.
- Integrated dynamic features allowing users to broadcast messages and share live geographic location tracking data within their rooms.

CivilEye - Residential CAD Tool GitHub

React.js, Tailwind CSS, JavaScript

- Architected a modern web-based CAD application designed for residential mapping, making architectural drawing accessible to construction teams.
- Implemented comprehensive 2D drawing tools paired with a precision grid system and an automatic conversion engine for real-time dimension calculations.

PhysicsLearn Interactive Platform GitHub

JavaScript (ES6+), p5.js, HTML5, CSS3

- Engineered a responsive educational platform modeling quantum physics simulations and interactive orbital visualizations (s, p, d, f).
- Delivered a seamless user experience utilizing modern CSS Grid/Flexbox and a mobile-first, accessible design methodology.