M.Hassaan Zeeshan

Part-Time Full-Stack Web Developer (Backend-Focused)

Location: Pakistan
Email: s.hassaan.1712@gmail.com
Availability: 20 hours/week
Rate: $8–$10/hour
Minimum Project Duration: 3 months

About Me

I'm a full-stack web developer with a strong focus on backend development. While I'm comfortable building complete applications from front to back, my real passion lies in creating robust server-side systems, designing efficient databases, and building APIs that power modern web applications.

I specialize in architecting scalable backend solutions using Prisma, MongoDB, and PostgreSQL. From authentication systems and REST APIs to real-time features with Socket.io, I focus on building the solid foundation that makes applications work reliably at scale. I write clean, maintainable code and take pride in solving complex backend challenges.

Technical Skills

Backend Development (Primary Focus)

- Prisma ORM (advanced database modeling and queries)
- MongoDB & PostgreSQL (schema design, optimization, indexing)
- REST API development (design, implementation, and documentation)
- Server-side authentication and authorization systems
- Database architecture and performance optimization
- API integration with third-party services
- Background job processing and task scheduling

Real-Time Backend Features

- Socket.io (real-time chat, notifications, live updates)
- WebSocket implementation for instant communication

- Managing connections and real-time data synchronization

Front-End Development

- Next.js & React (building user interfaces)
- JavaScript, HTML5, CSS3
- Connecting frontend seamlessly with backend APIs

Featured Projects

Full-Stack Blog Platform with Admin Panel

Backend: Prisma • MongoDB | Frontend: Next.js

Built the complete backend infrastructure for a blogging platform with comprehensive admin capabilities:

- **Database Architecture:** Designed efficient MongoDB schemas using Prisma for posts, users, comments, and categories
- **Authentication System:** Implemented secure user authentication with role-based access control (admin, editor, reader)
- **REST API:** Created a full suite of API endpoints for content management (CRUD operations)
- **Admin Backend Logic:** Built server-side logic for content moderation, user management, and analytics
- **Performance:** Optimized database queries and implemented caching strategies
- Frontend interface to consume the API seamlessly

AI-Powered Career Coaching Web App

Backend: Prisma • NextAuth • Third-Party APIs | Frontend: Next.js

Developed a sophisticated backend system for an AI coaching platform:

- **Authentication Architecture:** Integrated NextAuth for secure, session-based authentication
- **Database Design:** Created relational data models using Prisma for user profiles, coaching sessions, and progress tracking
- **API Integration:** Connected multiple third-party APIs for AI processing and data enrichment
- **Background Jobs:** Implemented asynchronous task processing for AI coaching requests
- **API Development:** Built RESTful endpoints to handle complex coaching workflows
- Ensured data integrity and security across all backend operations

Real-Time Chat Application (Backend Emphasis)

Socket.io • MongoDB • Prisma

Engineered the backend infrastructure for real-time group communication:

- **Real-Time Server:** Built Socket.io server handling multiple concurrent connections

- **Message System:** Designed database schema for efficient message storage and retrieval

- **Group Management:** Created backend logic for group creation, invitations, and permissions

- **Event Handling:** Managed real-time events (typing indicators, message delivery, online status)

- **Scalability:** Implemented connection pooling and optimized for high-traffic scenarios

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Backend Specializations

Database Expertise

- PostgreSQL database design and management with Prisma

- Data modeling for scalability and maintainability

- Prisma schema design and relationships

- Working with Prisma Client for database operations

API Development

- RESTful architecture design

- Endpoint security and validation

- Error handling and logging

- API documentation and testing

Authentication & Security

- NextAuth implementation and configuration

- Session-based authentication

- Role-based access control (RBAC)

- OAuth integration

Real-Time Systems

- WebSocket connections and event management

- Scalable real-time architectures
- Message queuing and delivery systems

Why Work With Me?

Backend Problem Solver: I enjoy diving into complex backend challenges—whether it's optimizing slow database queries, designing scalable architectures, or debugging tricky API issues.

Scalability-Minded: I don't just build features that work today; I architect systems that can grow with your application's needs.

Clear Communicator: Backend work can be invisible to end users, but I make sure you understand exactly what I'm building and why it matters.

Full-Stack Capability: While backend is my strength, I can handle the entire stack when needed, ensuring smooth integration between server and client.

Reliability: You can count on clean, well-documented code and consistent delivery.

Work Arrangement

I'm available for part-time engagements at **20 hours per week**, with a minimum commitment of **3 months**. This timeframe allows me to properly architect and implement robust backend systems that form the foundation of your application.

My rate is **$8–$10/hour**, giving you experienced backend development at a competitive price.

Let's Build a Solid Foundation

If you need a developer who can architect reliable backend systems, optimize database performance, or build APIs that power your application, I'd love to discuss your project. Whether you're starting from scratch or need to strengthen an existing backend, I'm here to build the infrastructure your application deserves.

Reach out and let's talk about how I can help solve your backend challenges.