

Talha Mujahid

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ABOUT

Full Stack MERN Developer and Open Source Contributor specializing in building scalable web applications with React, Node.js, NestJS, Django, and PostgreSQL. Creator of Shadcn Editor, an open-source rich text editor with 1.4K+ GitHub stars. Experienced in developing RESTful APIs, implementing authentication systems, optimizing databases, and deploying production-ready applications. Strong focus on clean architecture, performance optimization, and modern practices including CI/CD pipelines and containerization.

EXPERIENCE

MERN Stack Developer

Sep. 2023 – June 2026

MyAutoBio

United States

- Architected and developed AI-powered autobiography platform using React, Node.js, Django, and PostgreSQL
- Designed and deployed RESTful APIs with Django REST Framework for AI content generation using OpenAI integration
- Implemented CI/CD pipelines using GitHub Actions for automated testing and deployment
- Containerized applications using Docker and deployed to DigitalOcean droplets with Nginx reverse proxy

Frontend Engineer

Mar. 2022 – Aug. 2023

Invogue Solutions

Islamabad, PK

- Led frontend development of a multi-tenant ERP system using React.js, Redux, and Tailwind CSS
- Built modular, tenant-aware UI components supporting role-based dashboards across multiple business units
- Implemented dynamic routing and permission-based rendering for multi-tenant access control
- Integrated RESTful APIs for core ERP modules including inventory, invoicing, HR, and reporting

EDUCATION

National University of Science and Technology

H-12, Islamabad

BE Software Engineering

Sep 2019 – Aug 2023

Punjab College

Raiwind, Lahore

Inter in Computer Science with Physics and Mathematics

Apr 2017 – Mar 2019

PROJECTS

Fastread | *React, Django, PostgreSQL, Node.js*

- AI-powered book writing platform using React, Django and PostgreSQL
- Designed RESTful APIs with Django REST Framework and integrated OpenAI for text generation
- Deployed on DigitalOcean with Docker containers and configured Nginx load balancing (fastread.io)

Supasheet | *ReactJS, Supabase, PostgreSQL*

- Full-stack CMS platform built with Next.js and Supabase featuring authentication, dashboards, and file management
- Implemented role-based access control and multi-tenant architecture using Supabase Row Level Security
- Integrated Supabase Storage for file management and PostgreSQL for relational data (supasheet.app)

Undocx | *Next.js, Vercel AI SDK, Shadcn UI*

- Built a collaborative AI-powered document workspace with Next.js 16, React 19, TypeScript
- Implemented an AI assistant using Vercel AI SDK with semantic vector search over *pgvector* to query document
- Developed multi-tenant workspaces with role-based access control, token-based email invitations, public read-only sharing, and folder/collection organization (undocx.com)

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Node.js, Python

Frontend: React.js, Next.js, Redux, Context API, React Query, HTML5, CSS3, Tailwind CSS

Backend: Express.js, Node.js, NestJS, RESTful APIs, GraphQL, WebSocket, Socket.io

AI & LLM: LangChain, RAG Pipelines, Vector Databases (pgvector), Vercel AI SDK, MCP

DevOps & Tools: Docker, Git, GitHub Actions, CI/CD, Nginx, PM2, Linux/Ubuntu Server Management