

MUHAMMAD ABDULLAH TANVEER

Full-Stack Developer | Next JS Expert | Aspiring Data Engineer

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SUMMARY

Detail-oriented Full-Stack Developer building responsive web applications using Next.js, React, and MongoDB. Skilled in RESTful APIs, authentication, and Redux Toolkit. BS in Computer Science. Currently upskilling in Agentic AI and Data Analytics. Completed Deloitte Data Analytics job simulation and currently interning at Excelerate to strengthen data-focused development skills.

EXPERIENCE

Data Analyst Trainee Intern (Remote) — [Excelerate](#) | Aug 2025 – Present

- Leading an 11 member team to collect, clean, and analyze performance from 34 Facebook ads for GlobalShala's Superhero U event.
- Recommended discontinuation of 2–3 lowest-performing ads based on ROI, CPA, CTR, and conversion metrics, enabling budget reallocation.
- Overseeing creation of actionable visualizations, coordinating weekly deliverables, and preparing the final recorded presentation for stakeholders.

Data Analytics Job Simulation (Remote) — [Deloitte \(Forage\)](#) | Jul 2025

- Completed a structured simulation involving data cleaning, exploratory analysis, and visualization using Excel and Tableau.
- Developed a client-facing summary dashboard with insights and business recommendations for performance optimization.
- Strengthened core skills in data storytelling, analytical thinking, and business communication in a project-based setting.

PROJECTS

University Final Year Project

Wed Connect

Tech Stack: Next.js, Tailwind CSS, MongoDB, NextAuth, Gemini AI

- Developed a full-stack, AI-powered wedding vendor platform with role-based access for customers, vendors, and admins.
- Integrated Gemini AI for intelligent matchmaking based on budget, style, and location.
- [\[GitHub Repo Link\]](#)

Presidential Initiative for Artificial Intelligence & Computing ([PIAIC](#)) Hackathon Projects

Dine Market

Tech Stack: Next.js, Tailwind CSS, Sanity CMS, PostgreSQL, Stripe

- Created a full-stack e-commerce platform for the final PIAIC hackathon after completing frontend/backend stacks.
- Built within 24 hours, with complete vendor/customer panels and Stripe-integrated checkout.
- Used Sanity Headless CMS for product management and PostgreSQL for backend database.

Personal Projects

Ghost Note

Tech Stack: Next.js, Tailwind CSS, MongoDB, NextAuth

- Developed a secure, full-stack anonymous messaging platform with real-time messaging.
- Implemented robust authentication using NextAuth and secure message storage in MongoDB.
- [\[GitHub Repo Link\]](#)

Music App

Tech Stack: Next.js, Tailwind CSS, Aceternity UI, ShadCN UI

- Built a modern frontend platform for exploring music courses and webinars.
- Designed smooth navigation, responsive UI, and component-based architecture using ShadCN UI, Aceternity UI and TailwindCSS.
- [\[GitHub Repo Link\]](#)

EDUCATION

Formal Degree

BS in Computer Science | Government College University Faisalabad | 2021 – 2025

- Relevant Coursework:** Data Structures and Algorithms, Data Mining, AI, Database Management, Software Engineering
- Final Year Project (A- Grade, 95/120):** “WedConnect” – Developed a full-stack, AI-powered wedding vendor platform with intelligent vendor matching. Praised by project supervisor for innovation and execution quality.

Technical Training

Presidential Initiative for Artificial Intelligence & Computing ([PIAIC](#) – [Panaversity](#)) — On-Site

Certified Agentic and Robotic AI Engineering | National Textile University Faisalabad | Mar 2024 – Present

- Completed:** Frontend GUI, Backend API, Custom GPT and GenAI Stack (HTML, CSS, Tailwind, Next.js, TypeScript, Redux Toolkit, CMS, Graph-Relational Object Queries (GROQ), Python, FAST APIs, Pydantic, SQL Model, PostgreSQL, OpenAI GPTs, Specifications, GPT Store, LangChain, LangGraph, CrewAI, AutoGen)
- In Progress:** Agentic AI Stack (OpenAI Agents SDK, Prompt Engineering, Multi-agent systems, RAG, MCP, Markdown)
- Remaining:** Backend Cloud Stack (Docker, Docker Compose, Kubernetes, Serverless Containers, Terraform, CDK for Terraform, GitHub Actions)

CERTIFICATIONS

Google Data Analytics Professional Certificate (In Progress) | [Coursera](#) | Online | Jun 2025 – Present

- Learning data collection, cleaning, analysis, and visualization using SQL, Excel, Tableau, PowerBI and R.

ACHIEVEMENTS

- Spent one month at NIC Faisalabad in a professional co-working environment, engaging with early-stage and scaling startups to explore real-world business growth strategies. Upskilled in AI adoption and entrepreneurship through networking with founders and startup teams.
- Attended an AI Summit with AI Community of Pakistan; networked with top tech leaders including CEOs, mentors, and specialists from Techloset Solutions, Fista Solutions, FITCO, Dafi Labs, and CrowdgenAI. Learned firsthand about AI's practical applications, market trends, and its future role in enterprise transformation.

SKILLS

- **Technical Skillset:**
Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML/CSS, ShadCN UI, HeroUI, Aceternity UI.
Backend: Next.js, MongoDB, PostgreSQL, AWS, FAST APIs, RESTful APIs, AI Intigration.
Agentic and GenAI: OpenAI Agents SDK, Multi-Agents System, LangChain, CrewAI, LLMs, AutoGen, RAG, Prompt Engineering.
Dev Tools: Git, GitHub, Postman, VS Code, PyCharm, Windsurf, Vercel, npm/yarn, Netlify.
Data Analytics (Learning): Python, Pandas, NumPy, Pipeline-Creation, Data Analysis, Data Visualization, Excel, R, SQL, Tableau, PowerBI.
- **Soft Skills:**
Teamwork, Communication, Problem Solving, Analytical Thinking, Public Speaking, Strategic Planning, Team Management.

LANGUAGES

- English (Fluent)
- Urdu (Native)

INTEREST

Agentic AI, Generative AI, Automating Workflows, Data Engineering, Data Analysis, Tech Blogging.