



Danish Ali

Place of birth: Lahore, Pakistan 📞 Phone number: (+92) 3054344650

✉ Email address: dali27363@gmail.com

👤 Portfolio: <https://www.danishali.net>

🌐 LinkedIn: <https://www.linkedin.com/in/danishali22/>

🐙 Github: <https://github.com/danishali22>

SKILLS OVERVIEW

Technical Skills

Frontend Development: React.js, Next.js, Angular, Streamlit, Redux Toolkit, Tailwind CSS, Responsive Design

Backend Development: Node.js, Express.js, Python, Laravel, REST APIs, JWT Authentication

Databases: SQL, MongoDB, Redis, Cosmos DB, Qdrant (Vector DB)

AI & Machine Learning: LLMs (Mistral, Hugging Face), LangChain, Retrieval-Augmented Generation (RAG), Semantic Search, Embeddings (MiniLM)

DevOps & Tools: AWS, Docker, Git & GitHub, Postman, Vercel, Netlify

Cloud & Integrations: Azure Event Hubs, Stripe API, Cloudinary, Twitter OAuth, Firebase Auth

Real-Time Systems: Socket.IO, WebSockets

Other: State Management, Caching Strategies, Modular Architecture, Secure Configuration

WORK EXPERIENCE

🏢 **Cinq Dev** – Lahore, Pakistan

City: Lahore | Country: Pakistan

Full Stack Developer

[Nov 2024 – Current]

- Developed and maintained full-stack applications using **React.js**, **Next.js**, **Node.js**, **Python**, and **FastAPI** across multiple projects.
- Designed and implemented **RAG-based AI chatbots**, integrating vector databases and large language models trained on educational textbooks for intelligent Q&A capabilities.
- Built custom chatbots tailored to academic content, contributing to model training pipelines and content structuring.
- Engineered backend APIs and dynamic UIs, ensuring scalability, responsiveness, and performance optimization.
- Contributed to a **blockchain-based application**, creating a **quest feature** that gamified user engagement and ensured secure on-chain interactions.

🏢 **Deversiti It Solutions**

Junior Software Engineer

[May 2024 – Nov 2024]

- Built a **restaurant management system** using Laravel.
- Developed **core features**: menu browsing, order placement, split payments, and live chat.
- Designed a **scalable backend** with multi-vendor support and role-based access.
- Integrated **secure payment gateways** for smooth transactions.

🏢 **Solution Experts** – Lahore, Pakistan

City: Lahore | Country: Pakistan

Entry Level Software Engineer

[Jul 2023 – May 2024]

- Built CRM/ERP systems in CodeIgniter (sales, HR, inventory, finance).
- Created voucher entries and financial reports.
- Attended client meetings and tracked progress using project tools.
- Received positive client feedback for reliability and communication.

COMPANY PROJECTS

E-Tutor Exam City – Contextual RAG Chatbot with Cache

[Project Link](#)

- Integrated **LLM** to generate MCQs and answer follow-up questions from textbooks by **grade and subject**.
- Implemented **semantic search** for accurate context retrieval from learning materials.
- Enabled **voice-based Q&A** using text-to-speech and microphone input.
- Added a **HeyGen avatar** on the Angular frontend for interactive tutoring.
- Managed **context and caching** on the Python backend using **Redis** for smooth, personalized conversations.
- **Containerized** the full application with **Docker** for easy deployment and scalability.

Solscial - Solana Blockchain Project

[Project Link](#)

- Created a quest system to reward users for completing Twitter tasks (e.g., liking, retweeting, and commenting on posts).
- Linked Twitter accounts to **verify task completion** automatically.
- Used the **Solscan API** to fetch wallet data and track rewards.
- Added a secure **payment integration** for contributing and claiming rewards.
- Built with **Next.js** for both frontend and backend to streamline development and routing.

Fragments Trails – Educational Q&A Platform (MERN + Azure)

[Project Link](#)

- Built with the **MERN stack**, enabling students and teachers to share knowledge through **fragments** (questions).
- Added **categories, tags, upvotes, nested replies**, and full **user authentication**.
- Developed **Trails** to link related fragments with a **suggest/approve** workflow.
- Created **user profiles** with activity and follow system.
- **Captured user activity** and integrated a **personalized feed** using **Azure Event Hubs** and **Cosmos DB** for event-driven recommendations.

PERSONAL PROJECTS

MERN E-Commerce Project

[GitHub Repository Frontend](#) [GitHub Repository Backend](#)

- **Built a scalable e-commerce app** using the **MERN stack**, **TypeScript**, and **Redux**.
- **Integrated Firebase** for authentication, **Stripe** for secure payments, and **Cloudinary** for image uploads.
- Used **Redis for caching** and **Docker** for containerized deployment and environment consistency.
- Developed a full **admin dashboard** to manage **products, orders, users, and coupons**.
- Added **real-time inventory tracking and order status updates** to enhance user experience and backend reliability.

AI Medical Chatbot – RAG-Based Assistant (Python)

[GitHub Repository](#)

- **Built a medical voicebot** using **Python**, **Gradio**, and **multimodal AI** (voice, image, and text).
- **Used Whisper via GROQ API** for accurate **speech-to-text** conversion.
- **Integrated LLaMA-3.2-90B Vision** for image-based medical analysis.
- **Generated concise responses** and added **text-to-speech** with **ElevenLabs & GTTS**.
- **Ensured security** with **dotenv** and used only **verified medical sources**.

MERN Instagram Clone

[GitHub Repository](#)

- Developed a full-stack **Instagram clone** using **React.js**, **Node.js**, **Express**, **MongoDB**, and **Redux Toolkit**.
- Enabled **real-time chat and notifications** with **Socket.IO** for instant **likes, comments, and messages**.
- Used **Cloudinary** for smooth and optimized **image uploads and delivery**.
- Designed a **responsive UI inspired by Instagram**, ensuring a seamless experience across all devices.
- Implemented **JWT-based authentication** with secure user sessions and protected routes.
- Users can **like, comment, reply, bookmark, and upload posts, follow/unfollow** others and manage their **profile**.

EDUCATION AND TRAINING

Graduation

GC University Lahore [Sep 2019 – Sep 2023]

City: Lahore | Country: Pakistan

Intermediate

Superior College Lahore [Sep 2017 – Sep 2019]

City: Lahore | Country: Pakistan

Matriculation

Star Model High School [May 2015 – May 2017]

SOFT SKILLS

Problem-Solving, Team Collaboration, Adaptability, Attention to Detail, Time Management

PROFESSIONAL INTERESTS

Artificial Intelligence, Machine Learning, Microservices Architecture, Scalable System Design, Real-Time Applications