

Adil Javed

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EDUCATION

NED University of Engineering and Technology
Bachelor of Engineering in Software Engineering

Karachi, Pakistan
Oct. 2023 – Present

EXPERIENCE

React TypeScript Developer
Shifted Sol

Jan. – Jun.2026
Karachi, Pakistan

- Built a Western Audiology ERP frontend with React.js, TypeScript, and shadcn/ui.
- Delivered analytics dashboards using TanStack Table and Recharts, eliminating manual clinic reporting workflows.
- Integrated RESTful APIs with type-safe TypeScript.

PROJECTS

GreenBuddy - AI Plant Diagnoser | *Python, EfficientNet, RAG, Gemini API, React Native, FastApi* Feb 2026 – Apr 2026

- Trained an image classification model on the **PlantVillage dataset** to recognize plant diseases through leaf morphology.
- Architected a **Retrieval-Augmented Generation (RAG)** pipeline using the **Gemini API** to query localized treatment strategies.
- Delivered structured recommendations spanning organic remedies and precise chemical applications directly to farmers.

HomeFit - AR-Based Furniture App | *React Native, Node.js, MySQL, Firebase, Stripe*

Oct 2025 – Nov 2025

- Allows users to preview furniture in their living space using **AR**, ensuring accurate scale and placement.
- Automatically transforms standard **2D images** uploaded by sellers into interactive **3D models**.
- Integrated **Stripe Connect** for seamless, secure end-to-end payment processing between buyers and sellers.
- Features a dedicated web-based admin panel to oversee users, seller accounts, and product listings.

SmartWear - Real-Time Glasses Filter | *Python, OpenCV, NumPy, Haar Cascades*

Jan 2026 – Feb 2026

- Developed a real-time cv application that detects facial structures to automatically overlay digital eyewear directly onto a user face.
- Engineered image processing logic to automatically scale, rotate, and blend 2D asset overlays over eye regions, perfect alignment during movement.

Blogger | *Gemini API, React.js, Node.js, Express.js, MongoDB, Firebase*

Jul 2025 – Jul 2025

- Built a full-stack blogging platform with a RESTful architecture, implementing Firebase with JWT session handlers.
- Integrated the **Google Gemini API** for smart AI blog generation, automated title hooks, and content improvements.

PDF-to-Quiz Generator | *React, JavaScript, Gemini API, Tailwind CSS*

Feb 2025 – Feb 2025

- AI-driven app that converts PDF text into structured summaries and interactive review quizzes via the **Gemini API**.
- Designed a lightweight, responsive UI featuring a **no-login architecture** for immediate target user engagement.

CERTIFICATIONS

Introduction to Deep Learning with PyTorch | *DataCamp*

January 2026

- Completed technical certification in Deep Learning focusing on building and training neural networks. **(CPE: 3)**

React JS Web Development - The Essentials Bootcamp | *Udemy*

July 2025

- Mastered component-based architecture, hooks, and responsive structures to build robust web systems.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Dart, C/C++, C#, SQL, HTML/CSS

Frameworks & Libraries: React, React Native, Next.js, Node.js, Express.js, FastApi, Tailwind CSS

Databases & Tools: VectorDB, Rag, MySQL, MongoDB, Firebase, Git, Docker, Vercel, LLMs, Stripe