# Umair Ahmed Imran Butt

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## Software Engineer | Full Stack Developer

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## Summary:

I'm a software engineer who enjoys building products end-to-end, from the frontend experience to the backend logic. I care about writing clean, structured code and I like to understand the bigger picture of a product before diving into development. Always curious and eager to learn, I focus on solving problems in a way that's both practical and scalable.

## Education:

B.Sc in Software Engineering | UBIT, Karachi University                                         2022 - December 2025

## Skills:

**Frontend:** Next.js, React.js, TypeScript, JavaScript, Tailwind, Zustand, Tanstack Query

**Backend:** Nextjs, Node.js, Express.js, Python (fastapi, flask)

**Databases:** Supabase, PostgreSQL, MongoDB, MySQL, Prisma/Drizzle

**DevOps / Infra:** Docker, AWS(EC2, S3, CloudFront, Lambda), Git

**Others:** Redis, Socket.io, Stripe, AI (Langchain, LangGraph, pyTorch

## Experience:

**Lilypad Learning (US Remote) - Software Engineer**                              Nov 2025 - Jan 2026

- Worked in a **monorepo architecture** using **Turborepo** to improve code organization and reuse.
- Developed end-to-end features using **Next.js** and **tRPC** for type-safe APIs.
- Managed server state and data fetching using **TanStack Query**.
- Gained experience with **scalable codebase architecture** and remote team collaboration.

**Scripters Hub Pvt. Ltd - Software Engineer**                                        Nov 2024 - Oct 2025

- Developed full-stack web applications using **Nodekjs, Express,** and **Next.js**, for frontend and backend logic.
- Built and optimized **real-time chat features** using **Socket.io**, **GraphQL**, and **Redis**.
- Integrated **MongoDB** and **Firebase** for data storage, authentication, and real-time updates.
- Worked on multiple **React-based projects**, improving scalability and performance.

**Scripters Hub Pvt. Ltd - Software Engineer Intern**                              **July 2024 - October 2024**

- Built responsive front-end features using **Next.js** and **React**.
- Contributed to a **real-time chat application** using **Node.js** and **Socket.io**.
- Assisted in implementing client–server communication and basic backend APIs.
- Collaborated with senior developers and gained exposure to production-level workflows.

# Projects:

### MeetAI

- Built a scalable AI-driven meeting analysis system using **Next.js**, integrating real-time data handling to enhance meeting productivity and intelligent insights.
- Implemented advanced frontend state management and validation using **TanStack Query**, **nuqs**, **react-hook-form**, and **zod** for robust and type-safe form workflows.
- Designed a modern, accessible UI with **shadcn/ui**, ensuring scalability for future AI integrations and performance optimization.

### StudyTogether

- Developed a full-stack application using **NestJS** and **React.js** enabling students to collaborate, create study sessions, and schedule meetings efficiently.
- Designed RESTful APIs with secure authentication and structured backend architecture for scalable student interaction features.
- Built interactive scheduling and session management features with optimized frontend-backend communication.

### AssignBase

- Built a full-stack assignment management system using the **MERN stack (MongoDB, Express.js, React.js, Node.js)** for streamlined task creation and submission workflows.
- Implemented secure authentication, CRUD operations, and role-based access for managing assignments efficiently.
- Designed responsive UI components and integrated real-time updates for improved user experience and productivity.