

Abdul Rahman

Software Engineer

📍 Lahore, Pakistan ✉️ abdurahman.abd.dev@gmail.com ☎️ +92 320 1002771
🔗 abd-dev.studio 🌐 github.com/abdxdev in linkedin.com/in/abdxdev

Education

University of Engineering and Technology, Lahore
BS in Computer Science

Sept 2023 — April 2027 (Expected)

- CGPA: 3.55/4.0

Technical Skills

- **Programming Languages:** Python, C++, C, JavaScript, TypeScript, C#
- **Frameworks & Tools:** Django, Flask, Streamlit, Flet, WinUI 3, Next.js, Docker, Git
- **Soft Skills:** Effective Communication, Problem Solving, Collaborative Teamwork, Self-Directed Work Ethic, Leadership

Experience

Backend Developer

2023 — Present

Freelance (Self Employed)

- Developed backend systems for clients using Django, Flask, and .NET, including REST APIs, web applications, and automation scripts.

Graphic Designer

2021 — 2023

Freelance (Self Employed)

- Directed and designed marketing materials for clients, including UI/UX design, branding, and social media content.

Projects

VSCode Extensions

- **AI Regex Search** (TypeScript, VSCode API, Gemini): Built a VS Code extension that lets users generate regular expressions from natural language and insert them directly into the search tool.
- **10x Pretender** (TypeScript, VSCode API): Developed a VS Code extension that simulates realistic typing from clipboard or AI-generated code, making code demos and presentations more engaging.
- **AI LaTeX Helper** (TypeScript, VSCode API, Gemini): Created an extension that converts plain English descriptions into LaTeX equations, simplifying the process of writing math in LaTeX.

Desktop Applications

- **Context Menu Plugin Manager** (Python, Flet): Developed a desktop app that allows users to manage and extend Windows context menus with custom Python plugins for enhanced directory actions.
- **AMOS** (C#, WinUI 3): Designed a modern restaurant management system enabling seamless order processing and administration for customers, managers, and admins.

Web Applications

- **Odoo Lens** (TypeScript, Next.js): Built a web app that augments Odoo ERP with advanced analytics, search, and management tools for business insights.
- **Markdown Badge Generator** (Python, Streamlit): Developed a web tool for instantly generating and customizing markdown badges for project READMEs.
- **Recurrence Relation Solver** (Python, Streamlit, Sympy): Built a web tool for solving and visualizing mathematical recurrence relations using symbolic computation.

Utilities & Tools

- **Terminal Based Rich Text Editor** (C++): Engineered a fast terminal editor featuring autosuggestions, undo/redo, and customizable shortcuts for efficient text editing.
- **Console Utility** (C++): Developed a C++ library offering advanced console text formatting and cursor control utilities for terminal applications.