Waleed Afzal

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Education

Bachelor of Computer Science *Aug 2023 – 2027*
FAST National University of Computer and Emerging Sciences (FAST NUCES)

Intermediate (Pre-Engineering) *2020 – 2022*

Projects

Thumbify – AI Thumbnail Generator | *Live Link* *Jan 2026*
- Building a full-stack application to generate AI-powered thumbnails using the Gemini API.
- Implementing user authentication, prompt-based image generation, and cloud storage.
- Technologies: MongoDB, Express.js, React.js, Node.js, Gemini API.

PlayPulse – Movie Discovery Platform | *Live Link* *Jan 2026*
- Developed a scalable cloud-based film discovery platform integrating the TMDB API.
- Implemented secure user authentication and a seamless interface for browsing and managing film data.
- Technologies: MERN Stack (MongoDB, Express, React, Node.js), TMDB API, JWT.

Operating System Simulation *May 2025*
- Simulated file management, process scheduling, and memory handling.
- Demonstrated understanding of multithreading, queues, and process lifecycle.
- Technologies: C++, Object-Oriented Programming, File Handling.

Game Store Management System *Apr 2025*
- Desktop-based system for managing users, purchases, and inventory.
- Integrated SQL database for secure data storage and retrieval.
- Technologies: Visual Basic, SQL Server.

Experience

WordPress Developer — TargLabs *2025*
- Developed and maintained custom WordPress websites.
- Customized themes and plugins to meet client requirements.
- Improved website performance and user experience.

Freelancer — Fiverr *2021*
- Delivered web development, graphic design, and SEO projects for international clients.
- Managed projects independently with a focus on quality and deadlines.

Graphic Designer — Ink Persuasion *2025*
- Designed social media posts and marketing visuals.
- Maintained brand consistency across digital assets

Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript, Typescript, React.js, Next.js, Tailwind CSS, Bootstrap, Material UI
- **Backend:** Node.js, Express.js, PHP
- **Databases:** MongoDB, MySQL, SQL, Oracle, SQLite
- **CMS & Platforms:** WordPress, Shopify
- **Programming Languages:** C, C++, C#, Python, JavaScript, Assembly (Basics)
- **Tools:** Git, GitHub, Visual Studio 2022, Command Line
- **Concepts:** OOP, DSA, OS, DBMS, Software Engineering, Computer Networking, Information Security