Khalil Khan

Full Stack Developer | C++ Programmer

📞 +92-329-7132915   ✉ khlilkhn911@gmail.com   in linkedin.com/in/khalilkhancodes   📍 Narowal, Pakistan

○ https://github.com/khalilkhancodes

TECHNICAL SKILLS

- **Front End Development:** HTML, CSS, JavaScript, React
- **Back End Development:** Node.js, Express.js, MongoDB
- **Database Management:** MongoDB
- **Version Control Systems:** Git, GitHub
- **Tools:** VS Code, Postman, Clerk Auth, RestAPI
- **Core Concepts:** OOP, Data Structures, Algorithms, DOM Manipulation
- **Code Quality Tools:** ESLint, Prettier, JSHint

CERTIFICATIONS

- Foundation of Modern C++
- 2025

EDUCATION

INTERMEDIATE

- Pre-Medical
- Govt College Shakargarh (Narowal)
- Perc: 92.6%

INTERESTS

- Reading
- Fitness
- Travelling

LANGUAGES

Urdu   Native

English   Proficient

SUMMARY

Results-oriented **Full Stack Developer** and FSc graduate with a unique ability to solve complex algorithmic problems using **C++** while building modern, scalable web applications with the **MERN Stack**. Unlike traditional students, I have independently architected enterprise-level solutions, including a fully functional e-commerce platform and secure authentication systems. I combine a deep understanding of backend logic with pixel-perfect frontend design. I am eager to pursue a Bachelor's in Computer Science in Hungary to further refine my engineering capabilities and contribute to the global tech landscape.

KEY PROJECTS

1. PixelBorne (E-Commerce Platform) | Full Stack (MERN)

- **Architected** a scalable e-commerce application handling the complete user journey from product discovery to checkout.
- **Backend:** Built a robust API using **Node.js** and **Express** to manage product inventories and user data.
- **Frontend:** Designed a responsive, high-performance interface using **React.js**.

2. Note Taking Application | Full Stack & Security

- Developed a secure productivity tool allowing users to create, edit, and store notes in real-time.
- **Security:** Integrated **Clerk Authentication** to ensure secure user login and data privacy.

3. Tic Tac Toe with AI | C++ / Algorithms

- Engineered a console-based game featuring an **Artificial Intelligence opponent**.
- Implemented game logic and algorithms (e.g., Minimax) to predict player moves and counter-play effectively.

4. Advanced UI Clones (Netflix, Spotify, Emirates) | Frontend Architecture

- Replicated industry-standard user interfaces to master **Responsive Web Design** and CSS Grid/Flexbox.
- **Spotify:** Built a complex, interactive audio player interface.
- **Netflix/Emirates:** Achieved pixel-perfect accuracy in layout and animations, ensuring cross-browser compatibility.

EXPERIENCE

Freelance Full Stack Developer

- *Remote / Self-Employed | 2024 – Present*
- **C++ Development:** Created utility tools including a **Hybrid Calculator**, **BMI Calculator**, and **CGPA Calculator**, focusing on error handling and mathematical precision.
- **Web Development:** Translated client requirements into functional code, delivering dynamic frontends and API integrations.
- Continuously debugging and optimizing legacy code to improve application performance