

# Muhammad Yousaf

Junior Full-Stack Developer | Lahore, Pakistan

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## Summary

Junior Full-Stack Developer experienced in building scalable web applications with React, Next.js, and Node.js. Developed 3+ projects featuring secure authentication, role-based access control, and RESTful API integrations. Skilled in PostgreSQL and MongoDB databases with proven deployment experience on modern cloud platforms.

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## Skills

Languages: JavaScript, TypeScript

Frontend: React.js, Next.js, Tailwind CSS, Redux, Zustand, ShadCN UI

Backend: Node.js, Express.js

Database: MongoDB, PostgreSQL

ODM/ORM: Mongoose, Drizzle ORM

Tools & Version Control: Git, GitHub, VS Code, Postman

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## Work Experience

### Code Expert | Junior Full Stack Developer

Jul-2025 – Dec-2025

- Developed production-level multi-vendor e-commerce platform serving food, gift modules with role-based access control
  - Built and maintained two distinct dashboards (User, Vendor) with dynamic UI rendering and conditional logic
  - Implemented secure authentication and authorization using NextAuth with protected routes and session management
  - Designed and integrated RESTful APIs handling orders across multiple modules with shared schemas and optimized data flow
  - Translated Figma designs into responsive, pixel-perfect UI components using Tailwind CSS and ShadCN UI
  - Integrated Resend for transactional email notifications
  - Optimized MongoDB queries using Mongoose lean queries and schema design patterns for improved performance
- Next.js | Node.js | Express.js | MongoDB | NextAuth | Resend

## Projects

### Movie Information App

Next.js | TMDB API | NextAuth.js | ShadCN UI | MongoDB

- Built a movie discovery platform integrating TMDB API for real-time movie data and recommendations
- Implemented secure user authentication and session management using NextAuth.js
- Developed custom API routes for data abstraction and optimized backend performance
- Designed responsive UI with ShadCN components ensuring accessibility standards

Live: [movies-app-ros.vercel.app](https://movies-app-ros.vercel.app) | GitHub: [github.com/Yosf96633/movies\\_app](https://github.com/Yosf96633/movies_app)

### Campus AI Chatbot

Next.js | Supabase (pgvector) | OpenAI API

- Developed an AI-powered chatbot providing real-time assistance for campus-related queries
- Implemented semantic search using Supabase pgvector for efficient text embedding storage and retrieval
- Integrated OpenAI API for natural language processing and context-aware response generation
- Enabled instant access to information on admissions, events, facilities, and campus policies

Live: [cambot-fyp.vercel.app](https://cambot-fyp.vercel.app) | GitHub: [github.com/Yosf96633/cambot\\_fyp](https://github.com/Yosf96633/cambot_fyp)

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## Education

Bachelor of Science in Computer Science  
Government College University Faisalabad

2021 - 2025

FSc Pre-Engineering  
Royal College of Science Narowal

2019 - 2021