

# Zaheer Ahmed

Full-Stack Developer

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## Summary

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Full-stack developer with experience in building robust, scalable web solutions. Proficient in technologies like Next.js, React.js, Node.js, Express.js, MongoDB, PostgreSQL, Redis, TypeScript, and Tailwind CSS. Committed to delivering high-quality solutions through clean architecture, performance optimization, and collaboration in cross-functional teams.

## Skills

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Node.js • Express.js • Redis • MongoDB • PostgreSQL • MySQL • React.js • Next.js • Tailwind CSS • JavaScript • TypeScript • Nginx • GitHub Actions • Problem Solving • System Design

## Projects

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**Medinsight** jan 2025 – feb 2025 • 1 mo

*Technologies: Next.js • React.js • Clerk • OpenAI API • JSON Database • HTML5 • CSS3 • JavaScript*

*Built a full-stack medicine information web application using Next.js and React.js with a responsive user interface.*

*Integrated OpenAI API to provide AI-powered medicine assistance and conversational responses.*

*Implemented secure user authentication and account management using Clerk.*

*Developed a medicine search and information retrieval system using a JSON-based data storage approach.*

*Used Git and GitHub for version control, collaboration, and project management.*

**NeuroMed – An Explainable AI and Brain tumor detection System** Jan 2026 – Continue •

*Team: 3 members | Technologies: Python • EfficientNetV2-S • CNN • Explainable AI (XAI)*

*Developed the backend for brain tumor classification and risk assessment using Python and CNN models.*

*Trained EfficientNetV2-S to ensure fast and highly accurate diagnosis from medical imaging.*

*Implemented Explainable AI (XAI) to make AI decisions transparent and reliable for doctors.*

*Collaborated with the team to manage dataset selection, model training, and on-time project delivery.*

## Education

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**Bachelor's in Software Engineering** Dec 2022 – Dec 2026 • 4 yrs

Mehran University of Engineering and Technology — Jamshoro, Pakistan

- Focus: Software Engineering, Web Development, Database Systems, AI, System Design.
- Developed web applications and real-time systems through coursework and projects.
- Gained practical skills in data structures, algorithms, system design, and software development practices.

## Certifications & Awards

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Meta Full-Stack Developer Frontend and Backend from Scratch – Coursera Dec 2025

Agile Project Management – Certification – HP Foundation Aug 2025

Pak Angels' PEC Generative AI Training Course - Top Performer Certificate – Pakistan Engineering Council Oct 2025

Web Development Course – NFTP Jul 2023

Google AI Essentials – Coursera 2025