

MUHAMMAD AHSAN

Mern Stack Developer

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| [LinkedIn](#) | [Github](#)

I am a Full Stack Web Developer with over 4 years of experience, specializing in both backend development and DevOps. Proficient in JavaScript, Express.js, MongoDB, and PostgreSQL, I build scalable web applications and manage cloud infrastructure with AWS and Docker. I also have expertise in frontend technologies like React, Next.js, and Tailwind CSS. Focused on delivering high-quality, maintainable solutions, I thrive in collaborative environments to meet both technical and business goals.

Education

COMSATS University Islamabad Lahore, Pakistan

Feb 2020 – Jan 2024

BSCS -Bachelor's in science in Computer Science

Core Skills

Frontend Development:

React.js, Next.js, Redux, Vue.js, Angular, JavaScript / TypeScript, HTML5/CSS3, Tailwind CSS, Material UI, Chakra UI, React Native Paper, React Native Backend

Backend Development:

Node.js, Next.js, Express.js, Nest.js, NPM, Yarn, RESTful APIs, Payment Methods like Stripe, PayPal, 2checkout, User Authentication

Database Development:

Sequelize, MySQL, PostgreSQL, Redis, NoSQL Databases like CouchDB and Cassandra, MongoDB, SQLite, Mongoose

Project Management:

Agile Development, JIRA, Asana, Trello, Slack, Microsoft Teams

Testing:

Debug software tools like Cypress and Jest, Event Sourcing, ESLint, Troubleshooting, PHPUnit Testing, PHPStan (max level), Rector

Soft Skills:

Disciplined, Well-Organized, Collaboration Skills, Teamwork, Ability to work independently, Communication Skills

Programming Languages:

JavaScript, TypeScript, Python, Java

Work Experience**DEVWOLFZ**

Software Engineer

Oct 2024 - Present | Remote | United States

- Honed skills in full-stack development with Next.js, Node.js, and Express.js
- Expertise in building scalable applications using PostgreSQL, MongoDB, and AWS
- Contributed to Devwolfz's mission of delivering cutting-edge, cloud-native solutions ● Worked extensively with DevOps tools, Docker, and CI/CD pipelines for streamlined development
- Leveraged GitHub for version control and collaborative software development

Tekvill

Software Engineer

Jul 2022 - Sep 2024 | Hybrid | Lahore

- Honed skills in MERN stack development, specializing in Next.js
- Ventured into AI applications with OpenAI
- Crafted robust solutions for web and mobile platforms using MongoDB, Express.js, React.js, and Node.js.
- Contributed to Tekvill's mission of delivering cutting-edge software solutions

Rubik's Solution

Associate Software Engineer

Jul 2020 - Jun 2022 | Hybrid | Lahore

- Leveraged expertise in MERN stack development, encompassing MongoDB, Express.js, React.js, and Node.js
- Focused on both web and mobile platforms
- Delivered robust and innovative solutions for the company's projects ● Collaborated with a talented team to drive the company's success

IVT Technologies

Internship Trainee

Feb 2020 – Jul 2020 | On-site | Lahore

- Crafted captivating interfaces and conquered bugs during the MERN Stack Internship
- Embraced the power of teamwork
- Ignited passion for web development

Projects

Siy.ai - For Mental Health Professionals

Description: Developed an innovative platform for mental health professionals to provide personalized therapy sessions and progress tracking for clients, ensuring a user-friendly and secure experience.

Tools: Next.js, Tailwind CSS, Next UI, Redux.js, Nest.js, PostgreSQL, AWS, Docker

Features:

- Designed a fast and SEO-friendly frontend using Next.js and Tailwind CSS for responsive and visually calming user interfaces.
- Implemented robust backend features with Nest.js and PostgreSQL for managing client profiles, therapy sessions, and progress tracking.
- Deployed scalable infrastructure on AWS with Docker containers, ensuring consistent performance and rapid updates.

Link: <https://siy.ai>

Off Plan - Property Management System

Description: Built a platform to simplify property dealings in Dubai, offering a commission-based system for buyers, sellers, and agents in a centralized and user-friendly system.

Tools: Next.js, Tailwind CSS, Next UI, Redux.js, Nest.js, PostgreSQL, AWS, Docker

Features:

- Developed an SEO-friendly and responsive user interface using Next.js and Tailwind CSS.
- Built backend functionalities with Nest.js and PostgreSQL to handle property listings, transactions, and commission calculations securely.
- Ensured high availability and scalability using AWS infrastructure and Docker for efficient deployments.

Link: <https://offplan-dubai.com>

PrintMeAll - Corporate Identity Branding

Description: Created a dynamic platform for customized printing and packaging solutions across the UAE, simplifying order management and delivery processes.

Tools: Next.js, Redux.js, Tailwind CSS, Nest.js, PostgreSQL, AWS, Docker

Features:

- Designed a sleek and responsive frontend using Next.js and Tailwind CSS for seamless user experience.
- Implemented backend solutions with Nest.js and PostgreSQL for managing orders,

product catalogs, and payment processing.

- Optimized infrastructure with AWS and Docker for efficient performance and rapid feature updates.

Link: <https://printmeall.ae>

MyHomePathway - Home Loan Platform

Description: Built an advanced platform to streamline the home loan process, connecting lenders and borrowers with an intuitive and efficient system.

Tools: Next.js, Tailwind CSS, Nest.js, PostgreSQL, AWS, Docker

Features:

- Created a responsive and SEO-friendly user interface using Next.js and Tailwind CSS.
- Developed backend functionalities for loan applications, credit assessments, and transaction management using Nest.js and PostgreSQL.
- Implemented scalable deployments with AWS and Docker, ensuring consistent performance and availability.

Link: <https://myhomepathway.com>

Design Gurus - Tech Interview Portal

Description: Developed a learning platform providing high-quality courses and a credit-based incentive system for learners, focusing on user engagement and progress tracking.

Tools: Next.js, Tailwind CSS, Nest.js, PostgreSQL, AWS, Docker

Features:

- Designed an interactive and responsive frontend using Next.js and Tailwind CSS.
- Implemented backend systems to manage course content, progress tracking, and credit-based rewards with Nest.js and PostgreSQL.
- Integrated AWS infrastructure and Docker for high availability and rapid feature updates.

Link: <https://designgurus.com>

HospiPro - Hotel Management System

Description: Developed a comprehensive hotel management system to streamline operations, improve guest experiences, and optimize room occupancy.

Tools: Next.js, Tailwind CSS, Redux.js, Node.js, Express.js, MongoDB

Features:

- Designed a responsive and user-friendly frontend using Next.js and Tailwind CSS.
- Developed backend features with Node.js and MongoDB for booking management and guest communication.

- Integrated notifications via Twilio and MailChimp for better customer engagement.

Link: <https://hospi-pro-frontend.vercel.app>

English Language Proficiency: Fluent