Muhammad Tayyab

+92 309-2867068 | tayyabcheemadev@gmail.com | https://www.linkedin.com/in/tayyabcheema/
https://github.com/tayyabcheema/ | https://tayyabcheema-portfolio.vercel.app

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SUMMARY

As a Full Stack Developer with 1.5 years of experience, I specialize in the MERN stack and backend development with Node.js, Express.js and NestJS. Proficient in React.js and Next.js, I handle data with MongoDB, MySQL, PostgreSQL and AWS. Skilled in API integration and Redux Toolkit, I deliver high-quality solutions in agile environments, driven by a passion for innovation and continuous learning. I bring a dedicated and forward-thinking approach to every project.

EXPERTISE

Reactjs	Redux	REST API's	Mongodb
Nextjs	Nodejs	Context API	Postgre SQL
Tailwindcss, Material UI	Nestjs	My SQL	Communication Skills

PROFESSIONAL EXPERIENCE

SkillShaks NIC Gujrat   **April 2024 - July 2024**
Full-Stack Developer

At SkillShaks I developed and maintained backend services using Node.js, Express.js, and AWS S3, managing databases like MongoDB, MySQL, and PostgreSQL. I designed and implemented RESTful APIs and collaborated on frontend integration with React.js and Next.js, utilizing Redux Toolkit for state management. Additionally, I implemented authentication and authorization to ensure application security and participated in agile development processes.

Lifeflow - Smart Blood Donation System   **Nov 2023 - July 2024**
University of Gujrat

I developed Lifeflow, a smart blood donation system, which manages blood stock, donations and appointment scheduling. It tracked inventory and donor activities, defined roles for hospital managers, donors, administrators and streamlined appointment scheduling. The system was built using the MERN stack.

Personal Portfolio   **July 2024 - Aug 2024**
Website

I recently developed a personal portfolio website showcasing my skills, projects and experience. The website built with Nextjs, TailwindCSS and Shadcn UI, features sections including About, Experience, Contact and Projects with a dedicated 'Latest Projects' section to highlight my recent work.

EDUCATION & CERTIFICATIONS

Bachelor of Computer Science
Majors: Service-Oriented Architecture
University of Gujrat

Intermediate in Computer Science
Punjab College Phalia

Meta Certified Full Stack Developer
Coursera

VOLUNTEER EXPERIENCE

Member, Technical team
Hayatian Computing Society, UOG

Member, Media team
Science and Business Society, UOG