M.TAYYAB SOHAIL

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Software Engineer | Full-Stack Developer | Cloud & Databases | DevOps & MLOps | AI/ML & GenAI

CAREER HIGHLIGHTS

- **AI SEO Automation Platform:** Developed an end-to-end Next.js SEO automation platform powered by AI workflows, enabling 3× faster content production and reducing tracking costs by 50%

- **Student Housing Marketplace:** Built a full-stack real-time bidding platform with sub-200ms live updates and stable sync, supporting 1,000+ concurrent student, parent, and landlord users.

- **Multi-Seller E-Commerce Store:** Created a multi-tenant ecommerce marketplace with personalized recommendations, automated payouts, and integrated shipping flows, boosting engagement 40% and reducing support tickets 70%.

- **AI-Driven Physiotherapy Application:** Developed an AI-powered physiotherapy platform with 95% accuracy using Next JS and Tailwind CSS. Integrated live posture correction via Generative AI and a RAG-powered LLM chatbot

- **Company Project:** Built the website for New Web Order using Next.js, Tailwind CSS and TypeScript, boosted performance 40% via optimizations, enhanced SEO, and delivered a clean UX.

EDUCATION

- **Bachelor of Science in Computer Science, FAST NUCES**   (Sept 2021 – Jun 2025)
- Key Subjects: Web Development, Cloud Computing, Artificial Intelligence, Generative AI, NLP, Data Structures, Algorithm Design and Analysis, Database Systems, Information Security.

WORK EXPERIENCE / CERTIFICATES

- **Full-Stack Developer (Full-Time) — Bitsmiths Studio**   (Jun 2025 – ongoing)
- **Full-Stack Developer (Part-Time) — New Web Order**   (Jan 2025 – Mar 2025)
- **Full-Stack Developer (Intern) — Aawaz AI**   (Jun 2024 – Aug 2024)
- **AWS Academy Graduate -** AWS Academy Cloud Web Application Builder   (Dec 2024)
- **AWS Academy Graduate -** AWS Academy Cloud Data Pipeline Builder   (Dec 2024)
- **AWS Academy Graduate -** AWS Academy Cloud Foundations   (Dec 2024)

SKILLS & TOOLS

- **Languages & Frameworks:** JavaScript, TypeScript, Next.js, React.js, Node.js, Express.js, Python, Flask, Tailwind CSS

- **Databases & Cloud:** Supabase, SQL, NoSQL, AWS, Firebase

- **MLOps & DevOps:** MLflow, Airflow, DVC, Docker, Kubernetes, Prometheus, Grafana

- **Tools & Version Control:** Git, GitHub, CI/CD

EXTRACURRICULAR

- **Team Technical Vice Head,** *Google Developer Student Club (GDSC)*: Led the Platform Application Development Team comprising 10 members and guided the development of a vocal aid system for hearing-impaired individuals.

- **Operations Specialist,** *TEDx:* Organized one of the largest annual events at FAST NUCES with approximately 5,000 attendees.

- Elected as a **Class Representative (CR)** for all 8 semesters; acted as a liaison between teachers and students.