

HANZLA SIBGHAT

+49(170) 880-8208 ◇ Munich, Germany

hanzasib24@gmail.com ◇ [linkedin-hanzla-sibghat](#) ◇ [Portfolio-Hanzla](#)

EDUCATION

Master of Computer Science, Universitat Passau, Germany

2024 - **Expected** 2026

Bachelor of Computer Science,

National University of Computer And Emerging Sciences, Pakistan

2019 - 2023

TECHNICAL SKILLS

Languages	HTML, CSS, JavaScript, TypeScript
Framework	Next.js, NestJS, Express.js, Bootstrap / Tailwind, Material-UI
Libraries	React, Redux Toolkit, React Query, React Hook Form, JSON Web Tokens, SCSS
Developer Tools	npm/Yarn, GitHub, Git, Postman, Webpack, Babel
Databases	PostgreSQL, MySQL, MongoDB, Redis
Soft Skills	Team collaboration, problem-solving skills, cross-cultural communication, English C1, German A1

PROFESSIONAL EXPERIENCE

Software Engineer

Feb 2024 - July 2024

National Database and Registration Authority (NADRA)

Islamabad, Pakistan

- Minimized manual intervention by 45% by implementing IoT-integrated kiosks using NestJs and React.js.
- Enhanced citizen services and system performance through web application development for NADRA.
- Cut service processing times by 40% through optimization with React.js, Next.js, and NestJS.
- Achieved zero data discrepancies by improving validation processes with React Hook Form, Yup, and NestJS.
- Boosted system uptime by 20% through robust error-handling middleware and API enhancements.
- Streamlined codebase by 35% by refactoring legacy code for better scalability.

Software Engineer

July 2023 - Feb 2024

PLC Group

Ontario, Canada (Remote)

- Designed scalable GraphQL APIs with TypeScript, reducing query complexity by 35%.
- Optimized real-time data fetching with React Query and GraphQL, cutting refresh intervals by 50%.
- Attained 95% code coverage by creating unit and integration tests with Jest and React Testing Library.
- embellish backend performance with Redis caching and optimized state management using Redux Toolkit.
- Improved UI/UX for telecom automation tools, reducing API latency by 40% through cross-team collaboration.

React Developer

January 2023 - June 2023

Zuntech Technologies

Islamabad, Pakistan (Part-time)

- developed dynamic UI components with React.js, TypeScript, and SCSS, adhering to modern web standards.
- Integrated components with RESTful APIs and managed version control using Git/GitHub.
- Managed project workflows on Jira and streamlined communication via Slack for timely milestone delivery.

PROFESSIONAL PROJECTS

KIOSK-NADRA. Developed a secure self-service kiosk system with biometric fingerprint and iris capture to automate ID renewals, reducing manual assistance by **45%** and queue lengths by **30%**, significantly improving **operational efficiency**.

One App (National Identity System). Designed and implemented a scalable platform for online national ID applications, reducing processing times by **40%** and boosting success rates by **30%**, improving **accessibility** and **efficiency** for millions of citizens.

AXin (PLC) Contributed to automation and analytics platforms for telecom and data centers, enhancing hardware management and performance tracking.