

# MUHAMMAD TAYYAB

## SOFTWARE ENGINEER

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Software Engineer with 1.5+ years of experience in building responsive UIs with React/Next.js and scalable APIs with Node.js/Express and Nest.js. Skilled in MySQL, MongoDB, and AWS services (Lambda, S3), with a focus on delivering high-performance, user-centered applications.

### SKILLS

**Programming Languages:** Javascript, Typescript

**Frontend:** React, Next.js, HTML, CSS, Redux, ChakraUI, Antdesign, Responsiveness

**Backend:** Node.js, Express.js, Nest.js, RESTful APIs, GraphQL

**Databases:** MySQL, PostgreSQL, MongoDB

**Others:** Git/Github, AWS (Lambda, S3, Cloudwatch)

**Methodologies:** Agile/Scrum

### PROFESSIONAL EXPERIENCE

**Associate Software Engineer, Micromerger (Pvt) Ltd, Islamabad**

**Nov 2023 - Present**

**Tools & Technologies:** React, Next.js, Antdesign, Nest.js, Postgresql, GraphQL, AWS.

**Responsibilities Include:**

- Developed a system for uploading, processing, validating and downloading large CSV files, and handle data in complex forms by utilizing packages like ReactSpreadsheetImport, Minio, Promisepool, bullmq, and redis etc.
- Developed an authentication system in Next.js app with nextAuth.
- Supported on a serverless project by creating GraphQL endpoints, handled events with Lambda triggers, watching logs in CloudWatch and handling data in DynamoDB.

**ReactJS Developer, Mynd, Canada (Part Time - Remote)**

**Dec 2023 - Jun 2024**

**Tools & Technologies:** React, ChakraUI, Custom CSS, Custom Hooks, Responsiveness.

**Responsibilities Include:**

- Developed a practice management system for practitioners, with a focus on therapeutic services.
- Developed complex forms and validated form data with zod.
- Created reusable custom hooks in react to avoid circular references and memory leaks.
- Handled responsiveness for all views with custom CSS and chakraUI.

**NodeJS Developer, InfinityBits, Islamabad**

**March 2023 - Nov 2023**

**Tools & Technologies:** NodeJS, ExpressJS, MySQL, Socket.io, AWS S3.

**Responsibilities Include:**

- Developed a system for chatting having following functionalities one-to-one chat, group chat, share files.
- Developed RESTful APIs with Node and Express, used socket.io for bi-directional communication, AWS S3 for storing binary files, and MySQL database by utilizing Sequelize ORM.

### EDUCATION

**Bachelor of Science in Computer Sciences**

**2017 - 2021**

Air University, Islamabad

### OTHER LINKS

**Github:** <https://github.com/Tayyab-cs>

**LinkedIn:** <https://www.linkedin.com/in/muhammادتayyab-cs/>