

Tauheed Butt

Software Engineer (Turku, Finland)

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 tauheed.dev

Relevant Experience

Lead Full Stack Developer @ AIO

March 2024 – October 2025

- Developed and maintained full-stack web applications using TypeScript, NextJS, ReactJS, and NestJS, with PostgreSQL for database management and optimized queries.
- Led architectural design for frontend and backend, along with AWS service selection (SQS, EventBridge, Lambda) for 10+ microservices in a monorepo handling 300+ database tables, supporting a team of 150+ developers.
- Doing Agile development, with full modules from frontend UI to backend APIs and showcasing demos to CEO and CTO after 2 week sprints.

Backend Developer @ E-commerce Firm

May 2023 – March 2024

- Built and maintained backend systems with NodeJS, Express, TypeScript, managing MySQL and MongoDB databases.
- Developed full-stack internal tools and core products (e-commerce and real estate systems), integrated APIs including Shopify, and deployed services on AWS EC2 and Firebase.
- Led code reviews and database optimizations while collaborating with product, design, and QA teams to deliver features on schedule.

MERN Stack and React Native Developer @ PrograminStudio

August 2022 – May 2023

- Developed web and mobile applications with React, React Native, NodeJS, MongoDB, and TypeScript, including map-based features with geolocation tracking and custom markers
- Delivered multiple projects end-to-end including e-commerce platforms, admin dashboards, and AI-powered chat applications, managing weekly deliverables and reporting directly to CEO.
- Performed testing, debugging, and optimization, collaborating with designers, project managers, and developers to meet project requirements.

Projects [View All](#)

AIO App | Web Project | [View](#)

- Eco-System for Restaurant Industry in USA.
- Tech Stack: Next JS, Nest JS, PostgreSQL, AWS

TruDar | Web Project | [View](#)

- Real Estate-related system with community, properties, messaging, AI etc.
- Tech Stack: React JS, Express JS, MongoDB, Firebase, OpenAI, Stripe

CompCheck | Web Project | [View](#)

- Task management system with Document Library, Checklists, Roles etc..
- Tech Stack: React JS, Express JS, MongoDB, Firebase

Education

Masters ICT – Software Engineering

2025 - Ongoing
University of Turku, Finland

BS Computer Science

2019 - 2023
Bahria University Islamabad, Pakistan

Skills

Programming Languages

TypeScript, JavaScript, Python, C++

Frontend

Next, React, React Native

Backend

NestJS, Express, Apollo, TypeORM, Sequelize, Mongoose, GraphQL, REST

Databases

PostgreSQL, MongoDB, MySQL, Firebase

Testing Libraries

Jest, Vitest, Playwright

Libraries & Frameworks

NodeJS, NX, Redux, React Query, React Hook Form, Formik, Socket.IO, Yup, Shopify, Redis, MQTT

Design

Tailwind CSS, Material UI, Bootstrap, Flowbite, Styled Components, Adobe XD, Figma, MVC, HTML, XML, CSS/SCSS,

Cloud

AWS, GCP, CloudFormation, SNS, SES, SQS, Lamba Functions, SAM, Event Bridge, S3, Cognito, ECS, EC2, Git, GitHub Actions, Docker, Vercel, Heroku, Firebase, CI/CD, Monorepo

Soft Skills

Independent, Clear communication, Team player, Responsible, Ownership, Structured, Disciplined

Certifications

Full-Stack Open (0 – 13 Parts)

University of Helsinki

The Complete React Native + Hooks Course

Stephen Grider