

SALMAN AHMAD

Junior Full Stack Developer | React · Next.js · React Native · Node.js · NestJS · TypeScript

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SUMMARY

Full stack developer and fresh BS IT graduate with hands-on experience from a remote internship and a portfolio of shipped web and mobile apps built with React, Next.js, React Native, Node.js, NestJS and TypeScript. Owns features end to end — database schema, REST APIs, real-time events, authentication and access control, Docker setup and deployment — and is used to working in a team through task planning and code reviews.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Zustand, React Query, Tailwind CSS

Mobile: React Native, Expo, Android APK builds

Backend: Node.js, Express.js, NestJS, REST APIs, Socket.io, JWT, OAuth2, 2FA, RBAC, Zod, Stripe

Data: PostgreSQL, MongoDB, Prisma, Mongoose, MySQL, Redis, Firebase

DevOps & Tools: Docker, Git & GitHub, GitHub Actions, Vercel, Jest, Vitest, Playwright, Postman, Swagger

EXPERIENCE

Full-Stack Developer Intern — CodeAlpha

Remote | June 2025 – August 2025

- Worked in a remote development team, coordinating tasks with teammates and delivering assigned features against agreed timelines.
- Built React interfaces against an existing design system and wired them to Node/Express services.
- Managed shared client state with Redux Toolkit and protected authenticated routes using JWT.
- Wrote Jest unit tests for service and utility layers and took part in the team's code review process.

SELECTED PROJECTS

Snappy — Real-Time Chat App with WhatsApp-Style Privacy — [Live demo](#) ·

github.com/salman7937/chat-app-react-nodejs

- Real-time messaging over Socket.io with sent / delivered / read ticks, typing indicators, online status, reactions, image sharing and voice notes; users find each other by username instead of seeing every registered user.
- Built block / unblock enforced in both the REST API and every Socket.io handler, so a blocked user cannot bypass it over the socket; presence, typing and read receipts are hidden in both directions and update live.
- Fixed a privacy leak by moving presence from a global broadcast to targeted emits sent only to a user's contacts; existing chats migrate lazily on first load so nothing was lost after deploy.

React, styled-components, Node.js, Express, Socket.io, MongoDB, Vercel + Railway

Movie Booking Platform — Seat Reservation System — github.com/salman7937/reserve-seats

- Seats are held with short-lived Redis locks (Redlock) that expire if checkout is abandoned, so two users can never book the same seat; live seat availability is pushed to all viewers with Server-Sent Events.
- NestJS API on PostgreSQL via Prisma, with booking writes in transactions; JWT, Google OAuth and TOTP two-factor login.
- Stripe payments, QR-code PDF tickets and email notifications through Bull queues; PostgreSQL and Redis run in Docker Compose.

NestJS, TypeScript, PostgreSQL, Prisma, Redis, Bull, Stripe, SSE, Docker, Turborepo

Secure Banking System — github.com/salman7937/banking

- NestJS + MongoDB API with JWT access and refresh tokens in HttpOnly cookies, TOTP two-factor login, account logout after repeated failed attempts, and customer / admin role guards.
- Fund transfers run in MongoDB ACID transactions, so the debit, credit and transaction record either all commit or all roll back.
- Next.js 14 frontend with React Query, Zustand and React Hook Form + Zod; API hardened with Helmet, throttling and Swagger docs; tested with Vitest and Playwright.

Next.js 14, TypeScript, NestJS, MongoDB, Redis, Bull, React Query, Zustand, Vitest, Playwright, Docker

Fitcheck — AI CV Match & ATS Optimizer — [Live demo · github.com/salman7937/fitcheck](https://github.com/salman7937/fitcheck)

- Scores a CV against a job description on keyword match, experience, ATS safety and overall fit, then rewrites it in one click.
 - PDF / DOCX uploads are parsed into a strict Zod-typed schema, and a no-fabrication layer rejects AI rewrites that invent companies, dates or skills.
 - Claude and Gemini APIs with Upstash Redis rate limiting on AI endpoints; Firebase storage and ATS-friendly PDF export.
- Next.js, TypeScript, Claude & Gemini APIs, Zod, Firebase, Upstash Redis, Vitest*

GrandStay — Hotel Management System — [Live demo · github.com/salman7937/hotel-management](https://github.com/salman7937/hotel-management)

- Room inventory, reservations, payments and an admin dashboard, with availability checks that reject overlapping bookings for the same room.
 - Express + TypeScript API on MongoDB with Zod validation, JWT cookie auth, Helmet and rate limiting; Cloudinary image uploads, Stripe payments and email confirmations.
 - Next.js frontend with Redux Toolkit; API performance checked with k6 load tests. Demo admin: xsa4ryjr6i@gmeenramy.com / 12345678
- Next.js, Redux Toolkit, Express, TypeScript, MongoDB, Zod, Stripe, Cloudinary, k6, Docker*

SilentTalk — Urdu Sign Language Recognition — github.com/salman7937/silenttalkk

- Translates Urdu sign language from webcam or video into text, using MediaPipe hand landmarks per frame.
 - A dense model classifies static signs, and an LSTM over 30-frame sequences recognises movement-based words.
 - Real-time inference sends a sliding 30-frame buffer to a Flask API every second, with a confidence threshold to cut false positives.
- Python, Flask, TensorFlow/Keras, MediaPipe, OpenCV, React*

Plant Care — Mobile App — github.com/salman7937/plant-care

- Cross-platform React Native + Expo app for tracking plants and their watering and care schedules.
 - Single codebase for Android and iOS, built and released as an installable Android APK through Expo.
- React Native, Expo*

EDUCATION

BS Information Technology — **University of Agriculture Faisalabad (UAF)** | September 2022 – July 2026

ICS (Intermediate in Computer Science) — **Punjab Group of Colleges, Shahkot** | 2020 – 2022

Matriculation (Science) — **Govt Abu-ul-Khair High School, Shahkot** | 2018 – 2020