

Huzaifa Sheikh

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SUMMARY

Computer Engineering graduate (CGPA: 8.43) with hands-on experience building and deploying full-stack web applications end-to-end using React.js, Next.js, Node.js, Express.js, MongoDB, and PostgreSQL. Comfortable across the stack — from relational/NoSQL schema design and REST API development to responsive React interfaces and production deployment. Passionate about writing clean, maintainable code and continuously learning modern web technologies.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, JWT Authentication, bcrypt, TypeORM

Databases: MongoDB (Mongoose), PostgreSQL, MySQL

Tools & Platforms: Git, GitHub, Postman, Vercel, Render, MongoDB Atlas, Neon

Concepts: MVC Architecture, RESTful API Design, RBAC, Database Modeling, Client–Server Architecture, State Management

PROJECTS

Family Habit Planner | [GitHub](#) | [Live Demo](#)

Tech Stack: Next.js, TypeScript, Tailwind CSS, TypeORM, PostgreSQL, JWT

- Building a full-stack web app that lets parents create personalized printable activity planners for children, using Next.js, TypeScript, TypeORM, and PostgreSQL.
- Designing relational database entities and reusable typed React components to support planner creation, routine management, and PDF export for daily/weekly/monthly views.

Face Detection & Analysis Web App | [GitHub](#) | [Live Demo](#)

Tech Stack: React.js, Node.js, Express.js, PostgreSQL, face-api.js

- Developed and deployed a full-stack AI-powered application that detects faces and predicts age, gender, and facial expression from image URLs using face-api.js.
- Designed REST APIs in Express.js to process image requests and built a React interface to render detection results with clear loading/error states.
- Deployed frontend on Vercel and backend on Render with Neon PostgreSQL as the cloud database, using a modular backend structure for maintainability

NutriWise (Diet Planner) | [GitHub](#) | [Live Demo](#)

Tech Stack: React.js, Express.js, MongoDB Atlas, Node.js, JWT, Tailwind CSS

- Built a full-stack diet planning platform that computes personalized calorie/macronutrient targets using the Mifflin–St Jeor BMR formula and recommends nutritionally similar meals via cosine similarity matching.
- Designed secure REST APIs in Express.js with JWT access/refresh token authentication and bcrypt password hashing, covering user profiles, meal plans, and nutrition tracking.
- Built responsive React interfaces with Tailwind CSS and deployed a split-service architecture (Vercel frontend, Render backend, MongoDB Atlas) with environment-based configuration.

EDUCATION

Sinhgad Institute of Technology, Lonavala (Pune University, Maharashtra)

B.E. Computer Engineering

2022–2025

CGPA: 8.43

RELEVANT COURSEWORK

Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks.

CERTIFICATIONS

- [Microsoft Certified: Azure Fundamentals \(AZ-900\)](#)
- [NPTEL – Data Structures and Algorithms using Java \(IIT Kharagpur\)](#)
- [NPTEL – Data Analytics using Python \(IIT Roorkee\)](#)