

# NAUMAN ALI

Email: nauman170462@gmail.com • Contact: +92 3324553008 • Address: Gulshan-e-ravi,Lahore

## Summary

A dedicated and detail-oriented **Software Engineer** with experience in **Node JS, Nest JS, React JS,Vue Js, Express JS,Supabase, Databases** and full-stack web development. Skilled in designing and implementing scalable RESTful APIs, optimizing database performance, and integrating secure authentication mechanisms such as JWT/Guards and social media logins. Proficient in Git version control, debugging, and best coding practices.

## Experience



### Texagon

Gulberg,Lahore

#### Software Engineer

11/2025 - Present

- Designed and developed a scalable **NestJS backend architecture** using **modules, controllers, services, dependency injection, providers, DTOs, custom decorators, pipes, interceptors, and middleware, following clean architecture principles.**
- Implemented secure **authentication** and **authorization** with **JWT access and refresh tokens, cookies, auth guards, role guards, and token refresh middleware** to protect APIs and enforce role-based access.
- Integrated **Supabase** as Backend-as-a-Service, handling CRUD operations, **storage (single and multiple file uploads via Multer), database constraints, JSON/JSONB fields, Supabase client generation, and database triggers for automated workflows.**
- Implemented event-based notifications using the watcher pattern, triggering real-time updates and email notifications via **Nodemailer** for incident and report lifecycle events.
- Added centralized logging with **Winston Logger**, including console and file-based logs, and implemented a global logging middleware for request/response tracking and error diagnostics.
- Integrated **Prisma ORM & Bun** for high-performance development, managing schema migrations, client generation, and type-safe database access.
- Improved developer experience and delivery quality by adding **Swagger API documentation, CI/CD pipelines using GitHub Actions** structured pull request workflows, and enforcing **TypeScript type safety across the codebase.**
- Implemented **Redis caching** for optimized data retrieval and **rate limiting** to prevent abuse and ensure API stability.



### Devorbis

OPF Society,Lahore

#### Software Engineer

04/2025 - 10/2025

- Developed dynamic and scalable React applications using React Hooks, React Router, and Redux Toolkit for state management, ensuring modularity and reusability across components.
- Built reusable components using **Tailwind CSS**, implementing client-side validation with Formik and **Yup** in form components.
- Optimized API interactions using Axios interceptors for centralized error handling, **JWT** token renewal, and request/response logging.
- Implemented **code-splitting** and **lazy-loading** of routes, enhancing app performance and reducing initial load times.
- Helped develop a secure **Node.js/Express.js** backend with **Sequelize ORM**, handling **migrations** and **seeders**, and using **Joi** for input validation and sanitization.
- Designed role-based access control (RBAC) using Express middleware, ensuring secure API endpoints and structured responses.
- Enforced code quality with ESLint and Prettier, reducing linting errors by good margin and maintaining consistent style across the codebase.
- Developed dynamic and scalable **Vue.js** components using **Composition API, Vue Router**, and **Vuex Pinia** for efficient state management across modules.
- Maintained codebase using **Git** and conducted regular **code reviews**, ensuring maintainable and high-quality code across frontend and backend.



### Viltco Technologies

Arfa Software Technology Park

#### Associate Software Engineer

09/2024 - 03/2025

- Designed and developed RESTful APIs from scratch** based on Figma UI designs, ensuring seamless mobile app integration.
- Implemented state management using **Redux Toolkit** and **Redux Saga**, enhancing performance, optimizing asynchronous data flow, and ensuring efficient state synchronization across the application.
- Implemented authentication and authorization** using **JWT**, securing API endpoints with token-based authentication.
- Integrated **social media logins (Google, Facebook, etc.)** for seamless user authentication and onboarding.
- Implemented **encrypted API responses** using **CryptoJS**, enhancing data security and preventing unauthorized access during transmission.
- Used **custom middleware** for standardized API responses and **role-based access**, ensuring consistency in success, error, and validation messages.
- Worked with Git for version control**, regularly using Git commands to collaborate with the team and manage code efficiently.

## Skills

Node JS • React JS • Express JS • Vue JS • Laravel • Nest JS • ES6 • Typescript • PHP • MYSQL • PostgreSQL • Redux Saga • Redux toolkit • API's Integration • Version Controls(Git & Github) • Material UI • CI/CD Pipelines • ESLint

## Education

Information Technology University  
Bachelor in Computer Engineering-(BSCE)

2020 - 2024

Govt. Islamia College Civilines  
FSc Pre-Engineering

2017 - 2019

## Projects

### Incident Management & Reporting System

Developed a **full incident & report management system** using NestJS, enabling users to create, update, and track incidents with categorized reports.

Built a **scalable RESTful API architecture** leveraging NestJS modules, controllers, services, and dependency injection for clean code separation. Integrated **Supabase (PostgreSQL)** for CRUD operations, relational data modeling, JSON/JSONB handling, and database constraint enforcement.

Implemented **secure authentication & authorization** using JWT access/refresh tokens, RBAC, custom guards, and decorators.

Added **file upload and storage management** using Multer and Supabase Storage with support for safe file replacement.

Implemented **activity logging, audit trails, and event-based notifications**, including watcher patterns and email alerts.

Enhanced system reliability with **global middleware, interceptors, validation pipes, exception filters, Winston logging, Swagger documentation, and CI/CD via GitHub Actions**.

### BuzzBridge – Scalable Influencer Marketing Platform

**Campaign Management:** Enabled brands to post detailed campaign requirements, including platform selection (Instagram, YouTube, TikTok, X, Facebook, Kick), content type preferences, and budget specifications.

**Creator Engagement:** Developed features allowing creators to apply for campaigns or send tailored proposals based on their niche and audience alignment.

**Modern Frontend:** Built with **Vue.js** and built-in **Composition API** for state management, delivering a fast, responsive user interface optimized for both brands and creators.

**Robust Backend:** Engineered a secure and scalable **RESTful API using Node.js & Express.js**, ensuring efficient data flow, modular route handling, and clear separation of concerns.

**Database Architecture:** Designed and managed a **PostgreSQL database using Sequelize ORM**, implementing migrations, seeders, and a relational schema to ensure data integrity and scalability.

**Authentication & Security:** Implemented **JWT-based authentication**, safeguarding login sessions and route access based on user roles (brand or creator).

### Revolutionized E-commerce Platform (Multi-tenant)

**Multi-Role System:** Designed separate interfaces and controls for **Admin, Super Admin, and Customers**, ensuring structured access and security.

**Admin Panel:** Enabled admins to manage **product catalogs, user accounts, orders, returns, and analytics**, with real-time reporting features.

**User-Friendly Frontend:** Built a **responsive React.js interface**, enhancing the shopping experience with **Augmented Reality (AR) features** for product visualization.

**Efficient Backend:** Developed a **RESTful API using Node.js & Express.js**, ensuring smooth data processing, secure user authentication, and seamless transactions.

**Database Optimization:** Utilized **MySQL with optimized indexing and relational design**, ensuring fast query execution and secure data storage.

**Security & Performance:** Implemented **JWT-based authentication** for a secure and efficient system.