TUSHAR SOHAL

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Professional Summary

Full Stack Developer with 1+ years of experience building secure, scalable web applications for defence and enterprise systems. Strong expertise in Angular, React, Next.js, Node.js, and FastAPI, with hands-on experience in JWT-based authentication, role-based access control (RBAC), and REST API design. Proven ability to deliver production-ready systems with optimized databases, secure architectures, and performance-focused user interfaces.

Technical Skills

Core Stack: JavaScript, Python, SQL, Angular, React.js, Next.js, Node.js, FastAPI
Backend & APIs: REST APIs, JWT Authentication, OAuth, RBAC, Microservices, Swagger/OpenAPI
Databases: PostgreSQL, MongoDB, MySQL, SQLite (Schema Design, Query Optimization)
DevOps & Tools: Git, CI/CD basics, Unit Testing, Postman, Render, Vercel

Experience

Web Developer — UPSALA   *Sep 2025 – Present*
Angular, Next.js, FastAPI, PostgreSQL

- Contributed to a defence-grade intelligence and operations management platform for the Indian Army .
- Designed and implemented secure REST APIs using JWT authentication and role-based access control (RBAC).
- Integrated internal department APIs and optimized PostgreSQL schemas to improve query performance.
- Developed responsive, modular frontend components using Angular and Next.js for real-time dashboards.
- Followed defence-compliant security and architecture practices in a controlled production environment.

Projects

The Kapda Company — Customizable E-Commerce Platform
kapdaco.vercel.app
React.js, Node.js, Express.js, REST APIs, Tailwind CSS

- Designed and developed a full-stack customizable apparel e-commerce platform with designer onboarding and multi-brand workflows.
- Implemented secure JWT-based authentication with role-based access control (RBAC) supporting Admin, Designer (content creation), Brand/Seller (commerce & fulfillment), and Customer roles.
- Built scalable REST APIs with Swagger documentation for product management, orders, and checkout workflows.

Library Management System — Desktop Application
Electron.js, React.js, Node.js, SQLite

- Automated book issuance, returns, reporting, and overdue fine calculation based on configurable return policies, reducing manual administrative effort by ~85%.
- Designed normalized database schemas for books, users, transactions, and fine management.

School Website & Management Platform
lordkrishnaconventschool.com
React.js, Node.js, Express.js, MongoDB

- Built and deployed a production platform serving 1,000+ daily users.
- Optimized backend APIs and database queries, reducing page load times by ~35%.

Education

MCA — Guru Gobind Singh Indraprastha University   2025
GPA: 8.3 / 10
BCA — Guru Gobind Singh Indraprastha University   2022
GPA: 8.4 / 10

Certifications

Frontend Development using React — Coursera (2025)
Web Development Fundamentals — IBM SkillsBuild (2024)