NIRMAL GOYAL

Full-Stack Developer — MERN Stack — B.Sc Computer Science @ BITS Pilani

[redacted] [redacted] LinkedIn GitHub LeetCode Codeforces

Education

2025 – Present (Birla Institute of Technology and Science, Pilani)

B.Sc. in Computer Science **CGPA: 8.73/10.0**

Internship Experience

Urban Harvest (Momentum Pvt. Ltd.) (April 2026 – Present)

Backend Developer Intern

- Developing backend services for a multi-tenant **B2B procurement platform** using **Go (Golang)** and **Gin**, supporting vendor onboarding, RFQs, and procurement workflows
- Designing and implementing secure **RESTful APIs** with **RBAC** and **JWT authentication** for order management, approvals, and vendor operations
- Optimizing backend performance using **PostgreSQL**, **SQLC**, and **Go routines** for efficient data access and concurrent request processing
- Collaborating with cross-functional teams to deliver scalable, reliable, and maintainable backend solutions across multiple procurement modules

PW LeapX (February 2026 – April 2026)

Backend Developer Intern

- Developed backend services and **RESTful APIs** using **Node.js** and **Express.js** for multiple client and internal projects
- Designed and implemented secure authentication and authorization mechanisms using **RBAC** to manage user access across applications
- Modeled and managed application data using **MongoDB**, focusing on efficient schema design and database operations
- Leveraged **async/await**, **Promises**, and cross-functional collaboration to deliver scalable, maintainable, and reliable application features

Skills

Languages:	Go (Golang), Python, JavaScript/TypeScript, SQL (PostgreSQL, MySQL), C++, C
Backend:	Gin, Node.js, Express.js, APIs, JWT Authentication Role-Based Access Control (RBAC), Multi-Tenant Architecture
Databases:	MongoDB, MySQL, PostgreSQL
Frontend:	React.js, HTML, CSS, Tailwind CSS, Bootstrap
Tools:	Git, GitHub, Postman
Core CS:	Data Structures & Algorithms, Object-Oriented Programming, System Design, DBMS Operating Systems, Computer Networks

Projects

B2B Procurement Management System - Code (May 2025 - July 2026)

- Engineered a scalable **B2B procurement platform** using **Go (Golang)**, **Gin**, **PostgreSQL**, and **React.js**, inspired by real-world enterprise procurement systems
- Architected end-to-end procurement workflows spanning purchase requests, approvals, RFQs, seller bidding, auctions, purchase orders, contracts, invoicing, and payments
- Designed a secure multi-tenant backend with **JWT authentication**, **RBAC**, and a modular **Handler → Service → Repository → Database** architecture
- Enhanced scalability and system performance through **Go routines**, **SQLC**, **Redis caching**, and **Kafka**-driven event processing

Hospital Management System (MERN) - Code (Jan 2026 - April 2026)

- Engineered a full-stack hospital management platform using the **MERN stack** with secure authentication and scalable application architecture
- Designed and implemented **RESTful APIs** using **Node.js**, **Express.js**, and **MongoDB** for patient management, appointment scheduling, and doctor workflows
- Developed a secure multi-tenant system with **RBAC**-based access control to manage patients, doctors, and administrators
- Built responsive dashboards using **React.js** and **Tailwind CSS**, enabling efficient hospital operations and user management

Achievements

- **DSA + Competitive Programming**
  - Solved **700+ DSA and Competitive Programming problems** across LeetCode, Codeforces, and GeeksforGeeks platforms [redacted] — [redacted] — [redacted]
  - Achieved a **1348 contest rating** on LeetCode and earned the prestigious **100 Days Badge 2025**
  - Consistently practiced problem-solving across data structures, algorithms, and competitive programming topics to strengthen analytical and coding skills