

# Sunny Kumar

Kolkata, India | 📞 +91 7549617631 | ✉️ sunnykumar49617@gmail.com  
🌐 LinkedIn | 🏠 GitHub | 📄 LeetCode | 🍳 CodeChef

## Profile Summary

Software Developer skilled in building scalable web applications using React, Node.js, Express, MongoDB, and modern frameworks like NestJS. Experienced in developing full-stack with authentication, payments, real-time features, and cloud deployment. Passionate about clean code, performance optimization, and turning real-world problems into reliable digital solutions.

## Education

**Bachelor of Technology in Information Technology**  
Techno Main Salt Lake, Kolkata

Jun 2026 (Expected)  
CGPA: 7.05/10

## Technical Skills

- **Programming Languages:** JavaScript (ES6+), Java
- **Frontend Technologies:** React.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Responsive Design
- **Backend Technologies:** Node.js, Express.js, NestJS, RESTful APIs, JWT Authentication, OAuth 2.0
- **Databases:** MongoDB, MySQL, SQLite, Redis
- **Development Tools:** Git, GitHub, Postman, VS Code
- **DevOps & Cloud:** Docker, CI/CD Pipelines, Google Cloud Run, Render, Vercel, Netlify
- **Core Competencies:** Agile Development, Problem-Solving, Team Collaboration, Leadership, Version Control

## Internship Experience

**Software Development Engineer Intern**  
IQApex Labs, Kolkata, India

Feb 2025 - Apr 2025

- Contributed to **3 full-stack MERN applications**, developing frontend user interfaces and backend API services
- Engineered **15+ React.js features** and implemented **10+ RESTful APIs** using **Node.js** and **Express.js** framework
- Collaborated with teams using **Git/GitHub** for version control and participated in code reviews and technical discussions
- Optimized **MongoDB** database operations and queries, improving application performance and data retrieval efficiency

**Software Development Engineer Intern**  
IQVenus Technologies, Guwahati, India

Oct 2024 - Dec 2024

- Developed frontend solutions for **2 client-facing projects**, focusing on responsive UI/UX enhancements
- Built **12+ reusable and responsive React.js components** using **Tailwind CSS** for consistent design system
- Integrated third-party **RESTful APIs** and converted **Figma** mockups into pixel-perfect, cross-browser interfaces
- Ensured mobile-first responsive design, achieving **100% compatibility** across desktop, tablet, and mobile devices

## Projects

**Lylah Perfumes E-commerce Platform**

Live Demo

- Developed full-stack e-commerce application using **React**, **Tailwind CSS**, **Node.js**, **Express**, **MongoDB**, and **Redis**, building **25+ RESTful APIs** for product catalog, cart management, checkout, and order processing
- Implemented **JWT authentication** with **Google OAuth 2.0**, role-based access control for **3 user roles**, and **API rate limiting**; reduced database queries by **35%** using **Redis caching** for cart persistence and coupon validation
- Integrated **Cashfree** payment gateway with webhook verification, **Cloudinary** for image optimization, and deployed backend on **Google Cloud Run** with frontend hosted on **Vercel**

**Retail Sales Management System**

Live Demo

- Built comprehensive sales management platform using **MERN stack** with **Redux Toolkit**, optimized to efficiently handle over **1 million sales records** with advanced full-text search, multi-select filters, and dynamic sorting
- Improved API response time by **40%** through database indexing and query optimization; designed **15+ high-performance RESTful APIs** using **Express.js** and **SQLite** database for concurrent read operations
- Created intuitive **React-based dashboard** with modular component architecture and responsive design, enabling real-time browsing, filtering, and data analysis across **10+ analytical views**

## Leadership & Achievements

- **Tech Team Lead**, Institution's Innovation Council (IIC) TMSL â€“ Led 10-member technical team, organized events with 150+ participants, and mentored 10+ students in competitive hackathons
- Secured 1st Position in Senior Secondary (12<sup>th</sup>) Board Examination with 90.6%

## Certifications

- **SQL (Intermediate)** HackerRank: Advanced JOINS, aggregation functions, complex subqueries
- **JavaScript (Basic)** HackerRank: Core JavaScript concepts and fundamentals