Sourabh Gupta

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EDUCATION

BITS Pilani, Pilani Campus — B.Tech in Electronics and Instrumentation Engineering   2021–2025
CGPA: 7.95

Pallavan UPV School — CBSE Class XII   2021
Percentage: 96.8%

EXPERIENCE

Software Development Engineer *Lifeguru*   June 2025 – Present
India

– Implemented subscription-based **Chadhava product** using Razorpay, increasing recurring revenue by ∼20% and boosting retention.
– Launched subscription-driven **VIP feature** using PhonePe, delivering a ∼30% uplift in LTV and user engagement.
– Developed AI-powered **Chat Assistant** using OpenAI APIs to suggest context-aware responses to astrologers based on the user's previous conversations.
– Enhanced communication systems by implementing real-time **Socket.io events**, integrating **Firebase push notifications**, and building cron jobs to auto-resolve **unsettled or stuck calls**, significantly improving chat flow and call reliability.
– Built robust **GST computation system** with category-wise tax logic across products, deliverable addons, and digital addons.
– Resolved **100+ production issues** across puja flows, chat/call modules, subscriptions, orders, and platform security.
– Refactored backend services with **V2 APIs**, added **Sequelize migrations**, improved DB models, and created a dedicated **cron-jobs repository**, reducing API latency by ∼25%.
– Collaborated closely with **product, mobile, and design teams** for seamless multi-platform backend integration.
– **Tech Stack:** Node.js, JavaScript, PostgreSQL, Sequelize, Docker, Redis, RabbitMQ, REST APIs

Software Development Engineer Intern *Lifeguru*   Jan 2025 – May 2025
India

– Built internal tools and scalable REST APIs using Node.js and PostgreSQL with clean architecture practices.
– Created automated scripts to compute **Doshas from Kundli data**, enabling personalized puja recommendations and boosting conversions.
– Fixed bugs and optimized astrology modules across **chats, calls, and horoscopes**, improving reliability and UX.
– Wrote automated tests and worked with UI/UX teams to support rapid feature development and deployment.

PERSONAL PROJECTS

E-commerce Shopping Website | *Node.js, Express.js, PostgreSQL*   Live Demo: Link — GitHub: Link
– Developed full-stack platform with secure authentication, role-based access, and an integrated admin panel.
– Implemented product catalog, cart functionality, order workflows, and order management system.
– Designed responsive UI to ensure seamless **cross-device shopping experiences**.
– Built optimized REST APIs and improved PostgreSQL performance through schema and query optimizations.

ACHIEVEMENTS

– Solved **400+ Data Structures & Algorithms problems** across LeetCode, CodeStudio, and GFG.
– Achieved **1,450+ GitHub contributions in 2025**, demonstrating high consistency and engineering discipline.
– Received multiple **performance-based academic scholarships** in school and college.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C++, SQL
Frameworks: Node.js, Express.js, Next.js, Tailwind CSS
Databases: PostgreSQL, Sequelize, MongoDB
Tools: Git, Docker, Redis, RabbitMQ, REST APIs