Sourabh Gupta

+91 7023159912 | guptasourabh744@gmail.com | linkedin.com/in/sourabh-gupta-058813276 | github.com/sourabh32-ctrl

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
- Architected subscription-based **Chadhava product** using Razorpay, increasing recurring revenue by ∼20% and enhancing customer retention.
- Conceptualized and implemented subscription-driven **VIP feature** using PhonePe, delivering a ∼30% uplift in LTV and user engagement.
- Engineered AI-powered **Chat Assistant** using OpenAI APIs to provide context-aware responses to astrologers based on the user's previous conversations.
- Modernized communication systems by integrating **Socket.io events**, deploying **Firebase push notifications**, and automating cron jobs to resolve **unsettled or stuck calls**, significantly improving chat flow and call reliability.
- Developed a robust **GST computation system** incorporating category-wise tax logic for products, deliverable addons, and non-deliverable addons.
- Resolved **100+ production issues** across puja flows, chat/call modules, subscriptions, orders, and platform security, improving overall system stability.
- Refactored backend services with **V2 APIs**, implemented **Sequelize migrations**, optimized DB models, and created a dedicated **cron-jobs repository**, reducing API latency by ∼25%.
- **Tech Stack:** Node.js, JavaScript, PostgreSQL, Sequelize, Docker, Redis, RabbitMQ, REST APIs

Software Development Engineer Intern *Lifeguru* Jan 2025 – May 2025
India
- Implemented in-chat recharge within the astrology chat module, enabling seamless top-ups and increasing chat revenue by ∼22%.
- Automated WhatsApp confirmation and reminder workflows for puja bookings, improving user communication and reducing drop-offs by ∼18%, while boosting repeat puja orders by ∼12%.
- Engineered automated Dosha-calculation scripts from Kundli data, enabling personalized puja recommendations and improving conversion rates by ∼25%.

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**.
- Optimized REST APIs and PostgreSQL queries for improved performance and scalability.

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