Satyam Kumar

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EDUCATION

Maharaja Surajmal Institute of Technology   Delhi
BTech in Electronics and Communication Engineering, CGPA: 7.9   *Dec 2021 – May 2025*

EXPERIENCE

MapmyIndia   July 2025 – Present
Associate Software Developer
- Followed **best practices for security, code quality, and maintainability**, including input validation, error handling, and modular architecture.
- Optimized frontend and backend performance, achieving **40% faster page loads** and fewer server errors.
- Stored **temporary data and queue tasks** in Redis to offload workload from main database.

Comely Enterprises Pvt. Ltd.   Jan 2025 – May 2025
Full Stack Developer Intern
- Developed and maintained **scalable cross-platform** applications using **Angular, AngularJS, React Native, Express.js, Redis, and MySQL**, improving development efficiency by **25%** through modular and reusable code.
- Designed and deployed secure **RESTful APIs** with Node.js and Express.js, reducing response times by **30%** and ensuring high reliability under concurrent load.
- Applied caching strategies with **Redis** and **asynchronous** processing to enhance system scalability and responsiveness.

Digital Guruji   June 2025 – June 2025
Backend Developer Intern
- Developed and integrated an email warm-up feature using **Node.js, MongoDB, NodeMailer transporter and cron scheduler** to automate reputation-building email flows and ensure consistent deliverability.
- Implemented **custom cron jobs** to control email sending frequency and volume based on configurable rules.
- Refactored and cleaned existing backend APIs for **scalability, error handling, and maintainability**.

PROJECTS

Rozgars | *Angular, Node.js, MySQL, Redis* | *Link* - rozgars.com   Jan 2025 – Mar 2025
- Built a **full-stack job portal** with **JWT, RBAC** and **RESTful APIs** for candidates, employers and admins.
- Developed a **responsive Angular front-end** with job search, application tracking, and employer job posting.
- Integrated **Razorpay** for secure payments (courses, subscriptions, referral payouts).
- Optimized backend with **Redis caching, rate limiting, and async processing**, reducing API latency and improving scalability.
- Built a feature-rich **Admin Dashboard** using **AngularJS** for backend control and monitoring.

Fitnest: Scalable Web App for Multi-Gym Operations | *Angular, Node.js ,MySQL*   Mar 2025 – May 2025
- **Built** a multi-gym management platform using Angular, Node.js, Express.js, and MySQL to handle multiple branches, each with its own customers, trainers, and staff.
- Implemented **salary automation, attendance,** and **membership tracking .**
- **Integrated** flexible **installment-based payment options** for membership plans, allowing customers to pay in parts.

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, SQL, HTML, CSS
Frontend: Angular, AngularJS, React Native
Backend: Node.js, Express.js, NestJs
Databases: MySQL, MongoDB , Postgres
Tools/Other: Git, Razorpay, Cron Scheduler, RESTful APIs, Redis, Docker

ACHIEVEMENTS

- Solved 600+ Problems on Leetcode, GFG and various Coding Platforms.
- Earned 10+ Leetcode badges by solving 500+ DSA Problems