

ARJUN JAISWAL

☎ [+91-8303808157](tel:+91-8303808157) ✉ arjunjaiswal4242@gmail.com  [LinkedIn](#)  [Portfolio](#)
 [Github](#)  [Codeforces](#)  [LeetCode](#)

EDUCATION

JSS Academy of Technical Education, Noida

B.Tech - Computer Science and Engineering

2023 – 2027

Noida, Uttar Pradesh

EXPERIENCE

LifeLinkr | React.js, Express.js, MySQL, Tailwind CSS

Nov 2025 – Feb 2026

Backend Developer Intern

New Delhi, India

- Improved API scalability by implementing server-side pagination, filtering, and sorting for large datasets.
- Built optimized SQL queries for KPI dashboards and reports, significantly improving analytical query performance.
- Designed and refactored multiple MySQL database schemas to improve data consistency, reduce redundancy, and support new features.
- Reduced report API response time from 6s to 1.5s by optimizing SQL queries and applying proper indexing strategies.

PROJECTS

FitAI  | Node.js, Express.js, MongoDB, React, Docker, Gemini API, JWT

Jan 2026

- Built a fitness analytics engine to track workout logs, streaks, and muscle-group volume, processing 30+ workout sessions across 10+ users to generate structured performance insights.
- Designed data pipelines and aggregation logic to compute trends (monthly progress, exercise-level analytics) for actionable feedback.
- Integrated AI-driven analysis to identify weak muscle groups and act as a personalized fitness coach by generating adaptive workout recommendations.

Beacon  | Next.js, Express.js, PostgreSQL, Prisma, Redis, BullMQ, Turborepo, Docker

June 2026

- Architected a distributed uptime-monitoring platform with a decoupled scheduler-worker pipeline, using Redis-backed BullMQ queues to process HTTP health checks concurrently across stateless worker nodes (configurable up to 10 concurrent jobs/worker).
- Designed a PostgreSQL schema with Prisma ORM and composite indexes (e.g. active, nextCheckAt) to support high-frequency scheduler polling and sub-second dashboard queries.
- Solved race conditions in multi-replica job scheduling using atomic FOR UPDATE SKIP LOCKED queries, preventing duplicate monitor checks across scheduler instances.
- Deployed a Turborepo monorepo (API, scheduler, worker) to Render, with Neon (serverless Postgres) and Upstash (serverless Redis) for horizontally scalable, cost-optimized infra.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript.

Frontend: React.js, Tailwind CSS, Next.js.

Backend: Node.js, Express.js, RESTful APIs, MongoDB, MySQL, Redis, JWT, Socket.IO.

Deployment: Vercel, Render, AWS.

Infrastructure: Docker, RabbitMQ, BullMQ, Prisma ORM, Turborepo.

Databases: PostgreSQL, MySQL, MongoDB, Redis

Tools: Git, GitHub, VS Code, Postman.

Algorithmic Problem-Solving: Data Structures and Algorithms, OOP, Operating Systems, DBMS, Competitive Programming, Microservices.

ACHIEVEMENTS & CERTIFICATIONS

- Secured Global Rank 660 in LeetCode Weekly Contest 451 among 30,000+ participants.
- Achieved the Knight badge on LeetCode.
- Contributed to open source with 3 merged pull requests across Ghostfolio (2) and Opsimate (1).