

# ARJUN JAISWAL

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## EDUCATION

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**JSS Academy of Technical Education, Noida**

*B.Tech - Computer Science and Engineering*

**2023 – 2027**

*Noida, Uttar Pradesh*

## EXPERIENCE

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

*Backend Developer Intern*

**Nov 2025 – Feb 2026**

*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

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**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.

**Full-Stack Chat Application** [🔗](#) | Node.js, Next.js, MongoDB, RabbitMQ, Socket.IO, Docker

**Nov 2025**

- Architected a microservices-based real-time chat system, designing independent services for authentication, chat, and email using RabbitMQ for async messaging.
- Containerized services using Docker for consistent development and deployment.
- Implemented real-time messaging, private and group chats using Socket.IO for low-latency communication.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript.

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

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

**Infra & Messaging:** Docker, RabbitMQ.

**Deployment:** Vercel, Render, Streamlit.

**Tools:** Git, GitHub, VS Code, Postman.

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

## ACHIEVEMENTS & CERTIFICATIONS

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- Secured Global Rank 660 in LeetCode Weekly Contest 451 among (30,000+ participants).
- Maintained a LeetCode Contest Rating of 1800+ and a Codeforces Rating of 1100+, showcasing strong problem-solving and algorithmic skills.
- Solved 500+ DSA problems across platforms like LeetCode, Codeforces demonstrating consistent problem-solving skills.