# Rajeev Sutrakar

✉ sutrakarrajeev22@gmail.com | 📞 +918817524748 | ⭘ Github | 🔗 LinkedIn | LeetCode | Codeforces | InterviewBit

## EDUCATION

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|---|---|
| **Indian Institute of Technology Guwahati, India** | *Sep 2021 - Jul 2025* |
| Bachelor of Technology in Mechanical Engineering | |
| **Jawahar Navodaya Vidyalaya Sitapura, Bundi Rajasthan** | *Apr 2019 - Apr 2021* |
| Senior Secondary Education (Science, PCM), | *Score: 90.80* |

## EXPERIENCE

**PCLnXAI** — *May 2025 – Sep 2025*

*Software Developer* — Ahmedabad

- Maintained and enhanced scalable backend services for the company website using **Node.js** and **Express.js**, improving performance for SEO initiatives.
- Integrated and operationalized **AI/ML** models in the Payroll Analysis pipeline, implementing parallel compute and reliable job orchestration to achieve **65%** faster performance.
- Secured sensitive data by design by deploying a **PII tokenization filter** and **Role-Based Access Control (RBAC)** across **APIs** to meet audit and compliance requirements.
- Authored the high-reliability ingestion layer in **Python**, ensuring data integrity with idempotent upserts and schema validation for cross-system data (Oracle/Workday).

## PROJECTS

**E-Commerce Website** — *Jan - May 2024*

*Group Project* — GitHub

- Executed a fully functional **E-Commerce Web Application** using the **MERN stack**, featuring robust functionalities like user authentication, comprehensive product management, and a seamless shopping cart and checkout.
- Configured **JWT-based user authentication** with **bcrypt** for secure password hashing, and implemented **admin and user interfaces** for managing categories, products, and orders, including **CRUD operations** and administrative controls.
- Designed a responsive and interactive frontend with **React.js** and configured the backend using **Node.js** and **Express.js**, integrating **MongoDB** for efficient data management and **dotenv** for secure environment configuration.

**Gemini Clone** — *Jun - Aug 2023*

*Self Project* — Github

- Engineered a **Gemini Clone** featuring advanced text summarization, seamless paragraph generation, and fully interactive chatbot functionalities using the **Gemini API**, with a responsive frontend designed using **React.js.**
- Integrated secure **login** and **logout** functionalities with **Passport.js** for user authentication, alongside backend services authored using **Node.js** and **Express.js**, and also created custom **API routes** for a range of AI-powered features.
- Utilized **MongoDB** for efficient data management and **dotenv** for secure environment configuration, with advanced features including custom error handling and **middleware** for optimized performance and overall reliability.

## SKILLS

- **Programming Languages:** C, C++, Java, Python, JavaScript.
- **Web Technologies:** HTML, CSS3, React.js, Node.js, Spring Boot, Express.js, RESTful APIs.
- **Operating Systems:** Windows, Linux.
- **Database Management:** MySQL, MongoDB.
- **DevOps Cloud:** Docker, Git, GitHub, GitHub Actions, Jenkins (basic), Kafka Basics, AWS (EC2, S3 basics), CI/CD concepts, Linux Shell scripting.
- **IDEs Other Tools:** IntelliJ IDEA, Visual Studio Code, Microsoft Excel, PowerPoint.

## RELEVANT COURSEWORK

- **Mathematics:** Optimization Methods in Engineering, Linear Algebra, Advanced Calculus, Complex Analysis.
- **Computing:** Introduction to Computing, Computing Lab.
- **Web Course:** Data Structures and Algorithms(**DSA**), Object-Oriented Programming (**OOP**), Web Development, Inter IIT Competitive Programming Conclave (**IICPC**) Summer Camp 2024.

## ACHIEVEMENTS/EXTRACURRICULAR ACTIVITIES

- **Codeforces:** Achieved maximum rating of 1365. (AryaRajeev) — *2024*
- **Codeforces Round 969:** Secured global rank 1757 among 28,000+ participants in the coding contest. — *2024*
- **Codeforces Round 970:** Secured global rank 2307 among 40,000+ participants in the coding contest. — *2024*
- **Dakshana Scholarship Award:** Awarded Dakshana Scholarship for free JEE coaching as a top 1% JNV student. — *2019*
- **Spirit**: Gold Medalist in Volleyball at Inter College Annual Sports Fest, IIT Guwahati. — *2023*
- **InterIIT Sports Meet:** Represented IIT Guwahati in Volleyball at the 56th Inter-IIT Sports Meet. — *2023*
- **NCC**: Earned NCC 'A' Certificate, demonstrating discipline, leadership, and commitment to national service. — *2019*