

RAJ KUMAR

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 [LeetCode.com/u/RajKumar7633](https://leetcode.com/u/RajKumar7633)  [Codeforces.com/rg7633023155](https://codeforces.com/rg7633023155)

Technical Skills

Front-End Technologies: React.js, Angular, TypeScript, JavaScript, HTML5, CSS3, Next.js, Three.js
Back-End & Programming: Java, Python, Go, Node.js, Express.js, Spring Boot, C++, SQL, Microservices
Database Systems: PostgreSQL, MongoDB, MySQL, NoSQL, Redis
Cloud & DevOps: AWS, Google Cloud Platform, Docker, Jenkins, Git, CI/CD, System Design
Tools & Testing: JUnit, Selenium, Jest, REST APIs, Automated Testing, Version Control

Education

Maharishi Markandeshwar (Deemed to be) University **Sep 2022 – May 2026**
Bachelor of Technology in Computer Science and Engineering — CGPA: 8.0/10 *Ambala, Haryana*

Experience

Cloud Counselage Pvt. Ltd. **Jan 2025 – Mar 2025**
Software Engineering Intern *Remote-Mumbai*

- Built college discovery platform using Next.js, Express.js, Node.js, TypeScript, and MongoDB, enabling students to find colleges through verified reviews and connect with experts, reducing college selection time by 35%.
- Created skills-based matching, peer networking, and application tracking features, decreasing college application completion time by 50%.

Edunet Foundation **Nov 2024 – Jan 2025**
Software Engineering Intern (Microsoft, SAP, AICTE Partnership) *Remote – Bengaluru, Karnataka*

- Built **Spam Email Classifier** using **Python** and **Machine Learning** algorithms, processing **10,000+ email samples** with **95%+ accuracy** for email security systems.
- Collaborated with software engineers from **Microsoft, SAP, and AICTE** on AI applications, using data structures and algorithms for ML pipelines.

Coding Ninjas **Sep 2023 – Sep 2024**
Teaching Assistant & Technical Mentor *Ambala, Haryana*

- Mentored **1,600+ students** in data structures, algorithms, and software engineering principles, resolving **1,700+ technical queries** with **4.7/5 satisfaction rating** and **25% improvement in pass rates**.
- Created testing strategies and debugging methodologies for Java and Python applications, achieving **92% student satisfaction** and **15% increase in engagement**.

Projects

API Monitoring Dashboard | *Next.js, TypeScript, Express.js, PostgreSQL* **Jan 2025 – May 2025**

- Built monitoring dashboard using **Next.js, TypeScript, and Express.js**, tracking **4,800+ API requests** across 6 microservices with **99.98% uptime accuracy** and data visualization.
- Added **automated testing with Jest and JUnit**, alerting system for performance thresholds, and **PostgreSQL** for data storage, reducing incident response time by **40%**.

Collaborative Code Editor | *React.js, Node.js, Socket.io, MongoDB, AWS, Docker* **Jun 2024 – Aug 2024**

- Engineered application supporting **200+ concurrent users** with **React.js frontend** and **Node.js backend**, using operational transforms for **99.2% data consistency**.
- Deployed on **AWS** with **Docker containerization**, auto-scaling groups, and **CI/CD pipelines using Jenkins**, achieving **99.5% uptime** and **30% cost reduction**.

Contact Management System | *Spring Boot, PostgreSQL, JavaScript, REST APIs* **Mar 2024 – May 2024**

- Built contact management system using **Spring Boot** with **PostgreSQL**, supporting **1,000+ contact records** and integrated payment gateway with secure authentication.
- Added **unit testing with JUnit**, role-based access control, and **RESTful APIs**, ensuring **100% secure user sessions** and **PCI-compliant transaction processing**.

Achievements & Certifications

- LeetCode 4-star rating** with **1,755 contest rating** and **500-day problem-solving streak**, demonstrating data structures and algorithms expertise with **2050+ problems solved**.
- Goldman Sachs Software Engineering Virtual Experience** (May 2024) - Analyzed IT security vulnerabilities and enhanced password protection for systems.
- Finalist in HACK-X-NIET 2023** - Competed among **200+ teams** in 24-hour hackathon, building solutions under pressure.
- AWS Educate Machine Learning Foundations & Generative AI** - Amazon Web Services certifications in cloud technologies and AI.
- Social Winter of Code Contributor** - Open source contributor working with global developers on React.js and Node.js projects.
- Codeforces competitive programmer** with consistent contest participation, mathematical reasoning and algorithm optimization skills.