ARYAN MISHRA

Gorakhpur, India

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Education

Madan Mohan Malaviya University of Technology	**Nov 2022 – May 2026**
B.Tech. in Computer Science and Engineering	*CGPA: 8.4 / 10.0*

Experience

Multiqo Concept Management	**Feb 2025 – May 2025**
Software Development Engineer Intern	*Remote*

Built an AI-powered email assistant ("Inbox.ai") integrating Gmail API and LLMs for summarization, categorization, and smart auto-replies, tested on 50+ sample emails.

Implemented scalable background job processing with Redis and BullMQ, enabling the system to queue and process 100+ concurrent email tasks.

Developed a modular TypeScript/Node.js backend with clean APIs, improving email retrieval and response speed by 40 percent.

Projects

Inbox.ai	Express.js	BullMQ	Docker	Redis	**Jun 2025**

Link

Developed an AI-powered email assistant using Gmail API and LLMs to deliver summarization, categorization, and smart auto-replies for streamlined inbox management.

Handled 100+ concurrent email workflows with Redis + BullMQ for scalable background processing.

Built a modular Node.js + TypeScript backend, reducing email response latency by 40 percent.

Ecommerce-API	Node.js	Express.js	MongoDB	JWT	Swagger	**Mar 2025**

Link

Built a production-ready REST API with Node.js, Express, and MongoDB, integrating secure JWT-based authentication and role-based authorization for 100+ test users.

Implemented CRUD operations for Users, Products, and Orders with middleware-driven validation and centralized error handling, handling 100+ API requests during testing with consistent reliability.

Documented endpoints with Swagger (OpenAPI) and designed a modular architecture, improving maintainability and enabling faster feature additions by 30 percent.

Competitive Programming Achievements

CodeForces: Expert (1872 rating) - Ranked 261st in India and 4,441th worldwide.

CodeChef: 5-Star (2038 rating) - Ranked 1211th globally among 200,000+ programmers.

Contest Performance: 370th/30,000+ in Codeforces Round 1035, 457th/35,000+ in Codeforces Round 1039, 14th/35,000+ in CodeChef Starters 175, 22th/25,000+ in CodeChef Starters 195.

Problem Solving: Solved 1,800+ Data Structures and Algorithms problems; competed in 100+ contests with consistent top-1 percent finishes.

Technical Skills

Programming Languages: Java, C, C++, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks and Libraries: Spring Boot, Next.js, React, Redux, Zustand, Node.js, Express, Tailwind CSS, JPA, Hibernate

Databases and Storage: PostgreSQL, MySQL, MongoDB, Supabase, Prisma ORM

Developer Tools and Platforms: Git, Docker, Postman, Polygon, Uploadthing, VS Code, Eclipse, Google Cloud Platform, Vercel, Clerk

Computer Science Fundamentals: Data Structures, Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Linux

Leadership and Community

Founded and lead the Coders and Developers club with 50+ active members; mentored 1,000+ peers and organized bootcamps for 700+ students.

Organized regional ICPC-style contest AlgOlympics with 85+ teams and 300+ participants from multiple universities.