

SHAURYA RAHLON

+91-7905230216 ✉ shauryarahlon.10@gmail.com  [linkedin.com/in/shaurya-rahlon](https://www.linkedin.com/in/shaurya-rahlon)  github.com/ShauryaRahlon

Education

Jaypee Institute Of Information Technology

Noida, India

Bachelor of Technology in Computer Science and Engineering; CGPA: 7.2

2023 – 2027

- **Core Coursework:** Data Structures & Algorithms, Object Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems, Computer Networks, Software Engineering, Web Services.

Experience

Google Developer Groups

Aug 2024 – Present

Cloud Coordinator

Noida, India

- Orchestrated the end-to-end lifecycle of Bitbox 5.0, a national hackathon, leading a cross-functional team of 20+ and implementing **Agile methodologies** to manage 1,000+ active developers.
- Revitalized the organization's web presence by deploying a high-performance site with **Next.js** and SEO best practices, boosting organic traffic by **40%** and increasing YoY event registrations by **30%**.

MetryAI

Sep 2025 – Nov 2025

Software Development Engineer Intern

Edmonton, Remote

- Engineered autonomous AI agents utilizing the **OpenAI API** to automate content scheduling for SMBs, slashing manual operational workload by **60%** and saving clients an average of 20 hours/week.
- Optimized system scalability by building RESTful automation pipelines with **Next.js** and integrating **CI/CD** workflows, which enhanced data processing throughput by **25%** for enterprise users.

Projects

Agentic Browser | Python, LangChain, TypeScript, React, WXT, WebSockets

GitHub

- Architected a Model Agnostic Chrome extension using **Deep Agent architecture** to orchestrate complex browser automations, improving task decomposition success rates by **40%** over traditional scripts.
- Implemented a Semantic DOM Compression pipeline via **WebSockets** to overcome LLM token limits, reducing API latency by **79%** and minimizing memory overhead during complex DOM manipulation tasks.

Notify - Contest Tracker | Next.js, TypeScript, MongoDB, Docker, Tailwind

Live Link

- Deployed a scalable Progressive Web Application (PWA) using **Docker** containers to aggregate live contest data from **10+** platforms, ensuring 99.9% uptime via robust error handling.
- Fortified application security by integrating **NextAuth** with OAuth 2.0 strategies, reducing unauthorized access attempts by **95%** while streamlining the user authentication flow by **30%**.

Medify.me | React.js, Node.js, Express, WebRTC, JWT

Live Link

- Developed a full-stack telemedicine platform featuring real-time doctor discovery; integrated an AI-driven prescription parser using **OCR technology** that analyzes medical documents with **80%** accuracy.
- Facilitated low-latency video consultations by implementing **WebRTC** peer-to-peer connections and secured patient data exchange using **JWT** (JSON Web Tokens) and bcrypt encryption.

Technical Skills

Languages: C++, JavaScript, TypeScript, Python, SQL (PostgreSQL), Go, HTML5, CSS3

Frameworks: Next.js, React.js, Node.js, Express.js, Tailwind CSS, LangChain, React Native, Django

DevOps & Tools: Git, GitHub, Docker, Kubernetes, AWS, Google Cloud (GCP), Linux, Postman, Vercel

Databases: MongoDB Atlas, PostgreSQL, Firebase, Redis, Mongoose

Concepts: Data Structures, Algorithms, OOP, REST APIs, System Design, CI/CD, Agile, Microservices

Achievements

Competitive Programming

Ongoing

Rated 1800+ on Leetcode

Codolio Profile

- Solved **900+** algorithmic problems overall, including **550+** on LeetCode and CodeChef, maintaining a consistent top 7% ranking in global contests and demonstrating expertise in Data Structures and Algorithms.

Innovate 2.0 Hackathon

2024

Winner (1st Position) - Open Innovation Theme

Delhi-NCR

- Outperformed 50+ teams by designing a scalable civic governance solution; praised by judges for UI/UX.