

ALOK KUMAR SINGH

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EDUCATION

Bachelor of Technology, Delhi Technological University (Delhi College of Engineering)
Major: Mathematics and Computing
CGPA: 8.2/10

Expected May 2025

EXPERIENCE

Associate Software Engineer
RxLogix Corporation

Mar 2025 – Present
Noida, India

- Currently undergoing training in software development using **Groovy** and **Grails** frameworks, focusing on enterprise-grade solutions in pharmacovigilance domain.

Software Engineer Intern
ST Microelectronics Pvt. Ltd.

Jan 2025 – Present
New Delhi

- Automated email reminders using a **Jenkins job** for expiring credentials, increasing renewal rate by **10%** and improving security compliance.
- Built a **Qualys dashboard** to monitor Docker container vulnerabilities, reducing risk exposure.

Software Engineer Intern
Leadership Boulevard Private Limited

Jul 2024 – Aug 2024
New Delhi

- Developed and deployed REST API endpoints, improving system reliability and increasing API success rate to **5%**.
- Created a **GEM Image Builder Library** for customizable 2D/3D shapes, enhancing user interaction.
- Managed job queueing with **BULL**, reducing processing time and enhancing scalability through cross-functional collaboration.

SKILLS

Programming Languages	C++, Python, Java, Groovy, JavaScript, HTML, CSS, Oracle SQL Developer
Frameworks/Libraries	ReactJS, Node.js, Grails, MongoDB, Flask, Django
Tools/Technologies	Docker, Jenkins, GitHub Actions, Excel, Machine Learning, Linux
Core Knowledge	Data Structures and Algorithms, OOPs, Operating Systems
	Database Management, SQL, Computer Networks, Software Engineering
Interpersonal	Public Speaking, Leadership, Management

PROJECTS

HearLit Technologies Used: React, MongoDB, Django, JavaScript, CSS
Developed a podcast discovery platform using ReactJS.

[GitHub Repo Link](#), [Deployed Link](#)

Netflix Movies Recommendation Technologies Used: Python, Machine Learning, Flask, HTML, CSS
Engineered a recommendation algorithm, increasing personalized suggestions accuracy.

[GitHub Repo Link](#)

SIAM-DTU Website Technologies Used: React, Sass, Next.js, Next.js API routes, Next Gallery
Launched a responsive website for SIAM-DTU, increasing user engagement by **35%**.

[GitHub Repo Link](#), [Deployed Link](#)

EXTRA-CURRICULAR ACTIVITIES

- CodeChef**: Global Rank **316 (Starter 98)**, **548 (Starter 83)** — [Profile](#).
- Participated in national hackathons — **Vihaan 6.0**, **BitGrit Climate Challenge**.
- State-level athlete in cricket, baseball, and softball; National Science Olympiad participant.
- Volunteer — **Red Cross First Aid Workshop**, mentor in govt. **Desh Ke Mentor** program.

CODING PROFILES

- 3-Star Coder** at CodeChef [[CodeChef Profile](#)], solved **400+** questions on LeetCode [[LeetCode Profile](#)].

POSITION OF RESPONSIBILITY

- Managed operations as **Head of Operations** for the SIAM-DTU student chapter, securing sponsorships worth Rupee 1.5 lakh and coordinating logistics.
- Organized and managed accommodation for 200+ attendees as **Corporate and Hospitality Head** at the YUVAAN Literature and Film Festival.