

Sohil Khan

Software Developer & engineer | DevOps
sohilkhan99jait@gmail.com | Mathura, Uttar Pradesh (281001)
+91 7300613695 | [LinkedIn](#) | [GitHub](#)

Software Engineer skilled in Java, DevOps, and full-stack development with a strong foundation in data structures and scalable systems. Proven internship experience and a passion for crafting impactful solutions in high-performance teams.

EDUCATION

B. Tech Computer Science and Engineering CPI: 7.13/10 Present GLA University Mathura Uttar Pradesh Intermediate 79.6% CSRV vidya ashram, Chaumuhan, Mathura	2021- 2022
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SKILLS

- **Languages:** Java, OOPS, Python, JavaScript
- **Frontend:** HTML/CSS, React.js, Tailwind
- **Backend:** Node.js, Express.js, Django,
- **Database:** MongoDB, MySQL, Firebase
- **DevOps:** Jenkins, CI/CD, Maven, Tomcat, AWS EC2 instances.
- **Tools:** Android Studio, VS Code, Git/GitHub, Linux, JUnit, Postman.

EXPERIENCE

Software Development Engineer (SDE) Intern <i>Bluestock Fintech</i> <ul style="list-style-type: none">• Developed fintech modules using Django.• Debugged critical issues in API processing, improving app stability by 15%.• Collaborated with cross-functional teams to integrate REST APIs for a given project.	Nov/ 2023 – Dec/ 2023
Android App Development Intern <i>OASIS Infobyte</i> <ul style="list-style-type: none">• Built 2 Android apps using Java and Android Studio.• Reduced app load time by 20% through code optimization and caching strategies.	June/ 2023 – July/ 2023
DevOps Intern <i>Internship Studio</i> <ul style="list-style-type: none">• Automated CI/CD pipelines using Maven, Tomcat, Jenkins, AWS EC2 instances.	June/ 2023 – July/ 2023

Training & Development

- **DSA & Competitive Programming** | Coding Blocks (Jun–Jul 2023)
- Applied DSA concepts to optimize algorithms in personal

PROJECT

- **Orbit** (Social media website) | Reactjs, Tailwind CSS, Cloudinary, Firebase/Firestore. [Github](#)
 - Led a 4-member team to develop a website for social media, integrated Firebase Auth and Fire store.
 - Features: Authentication, CRUD operations, user profile, feed, etc.
- **Recipe Manager** | Nodejs, Express, MongoDB, HTML-ejs, Tailwind CSS, JavaScript. [Github](#)
 - A full-stack web application for managing recipes with user authentication and CRUD functionality.
 - Password hashing using bcrypt, Session-based authentication, CSRF protection, Input validation, Secure password storage'
- **Diabetes Prediction model** | Django, Python, HTML Bootstrap, MongoDB. | [Github](#)
 - Developed and trained a diabetes prediction model using Python libraries and modules with API integration.
 - **ML Algo.:** Logistic regression, Random Forest Classifier, Naïve Bayes and other Data Pre-processing, testing algorithms.
 - Achieved 90% accuracy in diabetes prediction

Co-Curricular Activities

- Coordinator, Technavya Techfest | GLA University
 - Led a 15-member team to organize the university’s largest Techfest, attracting with many participants.
 - Managed event logistics, workshops, and coding competitions, boosting student engagement by 40%.
- Attending a workshop of docker for DevOps. | by CSED club of GLA University |Date: 14/4/2025

Certificates

- Data Structures and Algorithms – Coding Blocks (2024)
- Software Engineering – NPTEL (2024)
- Software testing tutorials - Great Learning Academy (2024)
- CSS certification by Infosys springboard
- Intro., intermediate, advanced R programming certificate by DATACAMP.

Achievements:

- **Solved 250+ problems on LeetCode** – Highest streak: 100+ days
- Rank top 15% in Coding Blocks DSA program
- 100+ problems on Code forces, Hacker Rank

Additional Details >> Languages: Hindi (Native), English (Proficient) | Hobbies: Competitive programming, fitness.

