

# Sohil Khan

Software Developer & engineer | DevOps  
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**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>B. Tech Computer Science and Engineering   CPI: 7.13/10</b> | - Present  |
| GLA University Mathura Uttar Pradesh                           |            |
| <b>Intermediate</b>  | 2021- 2022 |
| CSRV vidya ashram, Chaumuhan, Mathura                          |            |

## SKILLS

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

## EXPERIENCE

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

## 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.
- **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.
  - 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

**Languages:** Hindi (Native), English (Proficient)

**Hobbies:** Competitive programming, fitness.

