

SOHAIL KHAN

New Delhi, India

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Software engineering undergraduate with a strong foundation in data structures, algorithms, and object-oriented programming. Hands-on experience in building scalable full-stack applications using Next.js, Node.js, and modern development workflows. Proficient in Python, JavaScript, Java, C++, and SQL, with practical exposure to cloud tools, CI/CD, and performance optimization. Passionate about solving real-world problems through clean, efficient, and scalable software solutions.

EDUCATION

Amity University

Bachelor of Technology (Computer Science and Engineering) — **CGPA: 7.7/10.0**

Sep 2022 – May 2026

Greater Noida, India

SKILLS

- **Programming:** C/C++, Python, JavaScript, TypeScript
- **Frameworks:** React, Next.js, Node.js, FastAPI, Tailwind CSS
- **Databases:** SQL, PostgreSQL, Prisma, MongoDB
- **Cloud & DevOps (Fundamentals):** AWS, Docker, Kubernetes, Terraform, GitHub Actions (CI/CD)
- **AI/ML:** Machine Learning, Deep Learning
- **Version Control:** Git, GitHub, Bash
- **Operating Systems:** Windows, Linux (Ubuntu, Arch Linux, WSL)

PROJECTS

Message Web Platform [↗](#) | NextJs, TypeScript, Google Auth, MongoDB

August 2025 – October-2025

- **About Project:** Developed a production-ready anonymous messaging platform enabling users to receive messages via shareable links with a strong focus on privacy and usability.
- Designed and implemented a responsive UI using Next.js, TypeScript, and Tailwind CSS, ensuring fast load times and seamless cross-device experience.
- [GitHub Repository Link](#)

Video Backend App [↗](#) | Node.js, Express.js, MongoDB, APIs

July 2025

- Built secure and scalable backend APIs for authentication, profile management, and session handling using JWT-based authorization and cookies.
- Implemented scalable image and video upload functionality using Multer and Cloudinary to manage avatars, cover photos, and media content.
- [GitHub Repository Link](#)

Website Blocker Tool [↗](#) | Python, Javascript, API, FireFox Extension

March 2024

- Developed a browser extension to validate website URLs against a predefined company list using efficient matching logic, enhancing browsing security. Built using JavaScript and browser-specific APIs with cross-browser compatibility.
- [Firefox Extension](#)

INTERNSHIP

Saral Tech — Full-Time Internship [↗](#)

August 2025 – January 2026 (6 Months)

Full-Stack Intern

New Delhi, India

- * Analyzed and resolved critical frontend issues in a production Next.js application, improving build reliability and deployment stability.
- * Worked closely with backend engineers to integrate and validate RESTful APIs, ensuring consistent data flow and improved application responsiveness.
- * Performed systematic debugging and implemented monitoring practices to enhance application stability and reduce post-release defects.

CERTIFICATIONS

- [Edx CS50 Harvard University](#)
- [Networking Basics - Cisco Networking Academy](#)
- [Introduction to Packet Tracer - Cisco Networking Academy](#)