

# Saad Khan

Portfolio | GitHub | LinkedIn | DSA-Coding | 9667821869 | saadkhan9969@gmail.com  
Aspiring Full Stack and DSA Enthusiast | CSE Student | Software Dev | Hackathon Finalist | CV Enthusiast

## Summary

---

Dynamic and results-driven Full Stack Specialist with a solid foundation in both frontend and backend technologies. Proficient in React, JavaScript, Bootstrap, Node.js, PHP, Google Firebase, MySQL, and MongoDB. Experienced in building high-engagement web applications and enhancing user experience through clean, efficient code. Strong problem-solving skills demonstrated by solving 500+ DSA problems in C++ across multiple platforms. Passionate about continuous learning and staying at the forefront of emerging tech trends. Eager to contribute to an innovative organization where I can apply my full-stack expertise and problem-solving mindset to create impactful digital solutions.

## Projects

---

### SkillMind.AI — Full-Stack AI-Powered Learning Platform

- Developed a full-stack AI-based eLearning SaaS platform using Next.js, React, Clerk Auth, Neon DB, Drizzle ORM, and Tailwind CSS.
- Integrated Gemini AI to auto-generate dynamic course content, HTML lessons, and banner illustrations.
- Built secure user authentication and role-based access (admin vs user) using Clerk and server-side validation.
- Designed and deployed a scalable RESTful API architecture with PostgreSQL (Neon) + Drizzle ORM, achieving clean data modeling and reusability.

### Intervu.AI — Full-Stack AI-Powered Interview Preparation Platform

- Developed a voice-based AI interview platform using Vapi SDK and Gemini 2.0 Flash, enabling real-time, interactive interview simulations with LLM-generated questions.
- Built secure auth & user flow with Firebase Auth, and managed dynamic data via Cloud Firestore, enabling persistent transcripts and feedback.
- Designed and deployed a serverless workflow using Zod for validation, ShadCN UI, and Tailwind CSS, ensuring a modern and responsive user experience.
- Integrated AI-powered feedback system and implemented interview dashboards, transcripts, and role-based workflows using scalable and reusable component architecture.

### Productivity OS - Full-Stack MERN Productivity Platform

- Developed a full-stack productivity app (Tasks, Habits, Notes, Focus Timer) using React + TypeScript (Vite) and Node.js + Express with MongoDB.
- Implemented secure user authentication using JWT, bcrypt, Axios interceptors, and protected routes with React Context API and environment-based config.
- Deployed frontend on Vercel and backend on Render, using .env variables, CORS, Helmet, and rate-limiting for secure and scalable production hosting.

### Say No to Proxy – QR Attendance System

- Developed QR-based attendance linked with captive portal authentication.
- Improved attendance authenticity and eliminated proxy entry cases.

## Technical Skills

---

**Programming Languages:** Python, C++, JavaScript, HTML, CSS, PHP, SQL, Bash

**Frameworks & Tools:** React.js, Node.js, Bootstrap, jQuery, Streamlit

**Databases:** MongoDB, MySQL, SQLite, Firebase Firestore

**Cloud & DevOps:** Google Cloud Platform (GCP), Firebase, Git, GitHub, Google Colab

**Other Tools:** Adobe Express, Jupyter Notebook, Tkinter, Selenium, Captive Portal Integration

## Achievements

---

- **HackEye Hackathon (Sep 2022):** Secured 10th place among 300+ teams. Designed a QR-based Smart Attendance System using Flask, Tkinter, and AI-driven automation.
- **Smart India hackathon:** Secured 9th Overall Rank amongst 500 teams.

## Education

---

### **Bennett University, Greater Noida**

B.Tech in Computer Science and Engineering

CGPA: 8.4/10 (till 7th semester)

*2022 – 2026*

### **Green modern School**

12<sup>th</sup> CBSE, Percentage: 79.1%

*2020 – 2021*

### **Hamdarad Public School**

10<sup>th</sup> CBSE, Percentage: 84.8%

*2018 – 2019*

## Certificates

---

- **The Complete 2024 Web Development Bootcamp** - Fully Completed the Full Stack Development Bootcamp where I learned about various frameworks and languages of Full-Stack.
- **React Basics - Meta** - Fully Completed the React Development where I learned about React.
- **Algorithm ToolBox** - Fully Completed the React Development where I learned about React.