

Mohammed Shaik Sahil

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Hyderabad, TG

Professional Summary

Bachelor of Engineering student specializing in **Computer Science with a major in IoT and Cyber Security**. Skilled in **Full-stack web development**, leveraging **React.js, Next.js, Node.js**, and database management with **MongoDB, Supabase, and PostgreSQL**. Proficient in **Python, Django, Flask, C programming, HTML, CSS and JS**, with hands-on experience in **Linux environments**. Proficient in **Vercel, Netlify** and AI tools like **Copilot, BlackBox, Claude, DeepSeek, OpenRouter, Vertex AI, Gemini, etc**. Experience in **Google Cloud Console**. Passionate about exploring the intersection of technology and innovation, applying knowledge to build scalable, efficient, and user-friendly applications.

Projects

1. Attendance Management Website

Oct 2024 – Jan 2025

Developed a dynamic event registration platform using Django, designed to streamline event organization and participant management. The system features event creation, attendee registration, and an admin panel for attendance tracking, improving workflow efficiency.

Key Contributions:

- Built a **user-friendly event creation interface**, allowing administrators to define event details.
- Designed **secure participant registration** and attendance tracking using **Excel integration (Pandas library)**.
- Implemented **environment-based security measures** to protect sensitive data and access permissions.
- Deployed the application on **Vercel**, ensuring seamless accessibility and optimized performance.

Technical Stack:

Django | Python | MongoDB | HTML | CSS | JavaScript | GitHub | SEO Optimization

Links:

LinkedIn Project:- <https://l1nk.dev/wg89K>

GitHub Repository:- [sahilshaik13/AttendanceNSAKCET](https://github.com/sahilshaik13/AttendanceNSAKCET)

2. Django-Based Chatbot with Admin & Registration Features

Jan 2025

Developed a Django-based chatbot to streamline user registration and administrative management. Designed a secure admin panel, enabling efficient data handling and user interactions through predefined commands and automated responses.

Key Contributions:

- Implemented **guided user registration**, storing essential details in **Excel for structured management**.
- Developed a **secure admin mode**, allowing administrators to **view, manage, and clear user registrations**.
- Engineered **predefined chatbot responses**, enhancing **user experience** and simplifying interactions.
- Integrated **error handling mechanisms** for **smooth operation and robust system stability**.
- Planned future **database support** for scalability and enhanced data management.

Technical Stack:

Django | Python | JavaScript | HTML | CSS | API Integration | GitHub | Back-End Web Development

Links:

LinkedIn Project:- <https://acesse.one/5jqeq>

GitHub Repository:- [sahilshaik13/jack-vercel](https://github.com/sahilshaik13/jack-vercel)

3. Django-Based Course Registration Platform with Payment Gateway

March 2025

Developed a comprehensive full-stack registration system to facilitate seamless course enrollment, integrating a secure payment gateway using Razorpay. Designed an admin panel for

efficient management of user registrations and structured data handling.

Key Contributions:

- Engineered a **Django-based registration system**, ensuring smooth user onboarding and payment processing.
- Integrated **Razorpay API** for secure and streamlined transaction management.
- Developed an **admin dashboard**, allowing administrators to **view and manage registrations** efficiently.
- Utilized **Supabase** as the database solution for robust and scalable data storage.
- Hosted images via **ImgBB**, optimizing image accessibility across the platform.
- Designed and deployed a **static interface website** on **Vercel**, providing users with program details and an intuitive browsing experience.

Technical Stack:

Django | Python | JavaScript | HTML | CSS | Supabase | Razorpay API | ImgBB | GitHub | Vercel | Full-Stack Web Development

Live Project Links:

Interface Website: <https://aile.vercel.app/>

Registration Site: <https://aile-registrations.vercel.app/>

GitHub Repository: [sahilshaik13/aile-registrations](https://github.com/sahilshaik13/aile-registrations)

4. Serenity Space – AI Mental Health Platform

May 2025

Built Serenity Space, a comprehensive AI-powered mental wellness app designed to support users with personalized assessments, reflective journaling, and empathetic chatbot support. Focused on helping users track and manage anxiety, stress, and depression with engaging visual tools.

Key Contributions:

- Architected full-stack mental health platform using Django + Supabase + Next.js with secure session handling.
- Engineered weekly DASS-21-based assessments with interactive severity charts and daily mood index graphs.
- Developed intelligent recommendation engine combining user journal sentiment (via Meta Llama) with self-prepared scoring models.
- Integrated Meta Llama via OpenRouter API for AI journaling insights and chatbot responses.
- Deployed production-ready UI on Vercel with responsive UX, privacy-first design, and future-ready architecture.

Technical Stack:

Django | Supabase | Next.js | OpenRouter API | Meta Llama | HTML/CSS/JS | AI Integration | Vercel | GitHub

Live Project Link:

Interface Website: [SerenitySpace - Mental Health Care Platform](#)

GitHub Repository: <https://github.com/sahilshaik13/serenityspace.git>

LinkedIn Project: <https://l1nk.dev/uqSU3>

Tech Stack

- **Languages:** C (core), Python (core), JavaScript, HTML CSS
- **Frameworks:** Django, Flask, React.js, Next.js, Tailwind CSS, node.js, Three.js, v0
- **Database:** PostgreSQL, MongoDB, Supabase
- **Environments:** Google Cloud
- **Miscellaneous:** Git/GitHub, Data Structures, DBMS, OOPS, Rest-API, Generative AI
- **AI Tools:** Copilot, Claude, Vercel, BlackBox, DeepSeek, Qwen, OpenRouter
- **Fields of Interest:**
 - Web Development
 - Data Science
 - Cloud
 - Artificial Intelligence and Machine Learning

Education

Bachelor of Engineering (B.E.)

Sept 2023 – Present

- Nawab Shah Alam Khan College of Engineering and Technology – CGPA 8.69

Hyderabad, TG

Sri Chaitanya Junior College, State Board

Sept 2021 – Mar 2023

- 12th (TSBIE) 7.8 GPA

Hyderabad, TG

St. Peter's Model School, State Board

Jun 2009 – Mar 2021

- 10th (SSC) 9.7 GPA

Hyderabad, TG

Certifications and Achievements

Course Certificates:

- **SAP**
 - SAP Foundation Course by Edunet Foundation, Code Unnati and TASK
- **LetsUpgrade**
 - HTML CSS Bootcamp
 - MongoDB Bootcamp
 - Python Project Bootcamp
 - SQL Bootcamp
- **EdYoda**
 - Python Programming
- **Alison**
 - Diploma in C Programming
- **Google Cloud Skill Boost**
 - Generative AI Academy Course Completion

Workshops:

- **Ethical Edufabrica Pvt Ltd.**
 - Python Programming Workshop
- **Techobytes Technologies**
 - Ethical Hacking & Cyber Security with CTF Challenge Workshop
- **IEEE**
 - Open Verse

Hackathons:

- **NSAKCET Internal Hackathon**
 - Internal Hackathon for (Smart India Hackathon) at Nawab Shah Alam Khan College of Engineering and Technology, Hyderabad.
- **AI Autonomous Hackathon**
 - Participant in Hackathon at Siddhartha Academy of Higher Education, Vijayawada, Andhra Pradesh.
- **Buildverse Hackathon**
 - Qualified for Final round in Hackathon at Scalar School of Technology, Electronic City, Bengaluru.

Social Links

LinkedIn – <https://www.linkedin.com/in/mdshaiksahil>

GitHub – <https://github.com/sahilsahik13>

Portfolio – <https://portfolio-mss-nine.vercel.app>

For Skill Badges, please refer the link below:

Credly - <https://www.credly.com/users/mohammed-shaik-sahil>
