

# Mohammed Shaik Sahil

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Hyderabad, TG

[LinkedIn](#)

[GitHub](#)

## [Portfolio](#)

### 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

- MindMate AI – AI-Powered Mental Health Companion** **Jan 2025 – Present**  
Developed MindMates AI, a mental health application leveraging the DASS-21 model to assess and assist users with depression, anxiety, and stress (DAS). The platform provides dynamic daily assessments, personalized recommendations, and visualized insights through interactive charts and AI-driven analytics.  
**Key Contributions:**
  - Designed AI-powered daily DAS assessments with randomized question sets and dynamic scoring.
  - Integrated real-time user engagement tools, including streak tracking and journal-based AI analysis.
  - Developed secure authentication mechanisms and habit-tracking features for mental well-being.
  - Engineered the backend with Django, MongoDB, and OpenRouter API, utilizing Meta LLaMA 90B VL for AI insights.
  - Planned future UI/UX improvements, mobile app development, and expanded AI functionalities.**Technical Stack:**  
MongoDB | Python Django | HTML | CSS | JavaScript | AI API Integration | GitHub | Prompt Engineering  
LinkedIn:- <https://l1nk.dev/CiAOH>  
Github:- [sahilshaik13/MIND-APP](https://github.com/sahilshaik13/MIND-APP)
- 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  
LinkedIn:- <https://l1nk.dev/wg89K>  
Github:- [sahilshaik13/AttendanceNSAKCET](https://github.com/sahilshaik13/AttendanceNSAKCET)
- 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

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

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

### Tech Stack

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- Languages: C (core), Python (core), JavaScript, HTML CSS
- Frameworks: Django, Flask, React.js, Next.js, Tailwind CSS, node.js, Three.js, vO
- Database: PostgreSQL, MongoDB, Supabase
- Miscellaneous: Git/GitHub, Data Structures, DBMS, OOPS, Rest-API, Generative AI
- AI Tools: Copilot, Claude, Vercel, BlackBox, DeepSeek, Qwen, OpenRouter

### Education

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Bachelor of Engineering (B.E.)	Sept 2023 – Present
<ul style="list-style-type: none"> <li>• Nawab Shah Alam Khan College of Engineering and Technology – CGPA 8.01</li> </ul>	Hyderabad, TG
Sri Chaitanya Junior College, State Board	Sept 2021 – Mar 2023
<ul style="list-style-type: none"> <li>• 12<sup>th</sup> (TSBIE)</li> </ul>	7.8 GPA Hyderabad, TG
St. Peter's Model School, State Board	Jun 2009 – Mar 2021
<ul style="list-style-type: none"> <li>• 10<sup>th</sup> (SSC)</li> </ul>	9.7 GPA Hyderabad, TG

### Certifications and Achievements

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#### Course Certificates:

- **Google Cloud**
  - Prompt Design in Vertex AI
  - Build Real World AI Applications with Gemini and Imagen
- **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

#### 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 (Smart India Hackathon) at Nawab Shah Alam Khan College of Engineering and Technology, Hyderabad.
- **AI Autonomous Hackathon**
  - AI Autonomous Hackathon at Siddhartha Academy of Higher Education, Vijayawada.