

# Sharjeel Afridi

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## TECHNICAL SKILLS

**Languages** : JavaScript, Python, Java, HTML5, CSS3  
**Frameworks** : Express, Node.js, Flask  
**Libraries** : React.js, Redux Toolkit, React Router Dom, Mongoose, Pocketbase, Firebase  
**Dev Tools & DB** : Visual Studio Code, Git, Github, Redux Devtools, MongoDB

## EXPERIENCE

**Co-Founder** Jan 2024 - Present  
*BookMyKit*

- Collaborating with a team of four, identifying each member's strengths and weaknesses to maintain cohesion and effectiveness.
- Enhanced ability to collaborate through practical team management and problem-solving.

**Web & Tech Team** Oct 2023 – Present  
*Google Developers Student Clubs* Volunteer

## PROJECTS

**VitalAI** *Next.js, React.js, Flask, Gemini API, MongoDB, Tailwind* [Source Code](#)

- Medical doubt resolution**, initial screening via an **AI Chatbot**, utilizing Gemini API
- Developed a nearby hospital locator function by integrating the **Google Maps API**.
- Implemented a **Lab Report Analyzer** feature allowing users to upload reports for AI-driven analysis.

**Crypto Drive** *React.js, Flask, Drive API, Firebase, Tailwind, Git* [Source Code](#)

- Encrypted file storing platform that utilizes **cryptography** to convert the files to its **BASE64**.
- Utilized **Google OAuth 2.0** for authentication and **Google Drive API** for storing and retrieving encrypted files.

**PDFChatbot** *React.js, Pocketbase, Redux Tool Kit, Tailwind* [Source Code](#)

- Application enabling users to upload PDF documents and ask questions, leveraging **RAG** techniques to provide accurate and contextually relevant responses.
- Implemented advanced **NLP** techniques to parse and understand the contents of PDF documents, ensuring precise answers.
- Built a robust backend using **Flask**, efficiently handling file uploads, processing, and API requests.

**resolveX** *React.js, Fuse.js, Pocketbase, React Router Dom, Git* [Source Code](#)

- Implemented **fuzzy search** capabilities utilizing the **Fuse.js** library, enabling users to quickly locate relevant notes by entering topic names.
- Utilized **PocketBase** for secure user authentication and Bremo for sending verification mail.
- Implemented a **Bookmark** feature for verified users, allowing for quick access and enabling them to continue from where they previously left off.
- Utilized **responsive design** to ensure compatibility across all devices
- Used by **more than 150** students.

## EDUCATION

**Zakir Husain College Of Enginnering And Technology** Aligarh, U.P, India  
*Aligarh Muslim University* 2023 – 2027  
Bachelor of Technology, Automobile Engineering Electric Vehicle

**Ryan International School** Shahjahanpur, U.P, India  
*Elementary - XII* 2008 – 2021