

# Sarah Fatima

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## EDUCATION

### HKBK College of Engineering

Computer Science and Engineering — GPA 8.4

Bengaluru, Karnataka

Sept. 2023 – Present

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, SQL, HTML5, CSS, React.js, React Router, Node.js, Express.js, MongoDB, JWT (JSON Web Token), Bootstrap **Tools:** Firebase, Toastify, Postman, Git, GitHub, Figma, UI/UX, Visual Studio Code

## EXPERIENCE

### Web Developer — Flutter Kanpur Community

Jul'25 - Present

- Built and optimized responsive UI components (Authentication, Blog, and Members Page) using React.js, HTML5, CSS3, and Firebase, implementing iframe integration, dynamic content management, and modular reusable components to enhance UI/UX, scalability, and overall website performance.

## PROJECTS

### Password Generator (Backend Development)

Oct'25 - Present

- Built a secure backend using Node.js, Express.js, and MongoDB to manage user authentication and password vault operations.
- Implemented JWT authentication and bcrypt encryption to ensure secure user login and password protection.
- Developed and tested RESTful APIs for signup, login, and data management using Postman and environment-based configuration.

### Flutter Kanpur Community Website (Web Development)

Jul'25 - Present

- Developed responsive UI components for Authentication (Login/Signup) and Blog pages using React.js, HTML, and CSS, ensuring modern design, cross-device responsiveness, and consistent UI/UX.
- Integrated Members Page with Firebase and implemented iframe embedding in Blog Screen, enhancing dynamic content management and accessibility.
- Built modular, reusable frontend components to improve scalability, maintainability, and overall performance of the website.

### Contact-Manager-App (Web Development)

Jun'25- Jul'25

- Built a Contact Management System using React.js functional components with useState and useEffect for dynamic CRUD operations.
- Integrated a JSON file database via API for storing and fetching contacts, ensuring real-time data handling.
- Implemented react-router-dom navigation and reusable components (AddContact, ContactList, ContactCard) for scalability and smooth UX.
- Project link: <https://contact-manager-app-zb8r.vercel.app/>

## EXTRACURRICULAR ACTIVITIES

**Food Truck Venture - 2025 :** Collaborated with college peers to launch a food truck venture serving diverse, delicious dishes and beverages, generating INR 5K in revenue

**Smart India Hackathon (SIH) 2024 :** Team Member; contributed to developing innovative solutions in a national hackathon, enhancing teamwork and problem-solving skills.