Smart Contact Manager - Full Stack Web Application :-

I'm excited to present my latest full-stack project, the **Smart Contact Manager**, designed to streamline contact management while integrating modern social features. This web application merges multiple cutting-edge technologies with an intuitive design, offering users a seamless and engaging experience.

Key Features:-

1. **Comprehensive Contact Management**
   - Users can create, manage, and store detailed personal information for contacts, including:
     - Profile pictures
     - Skills
     - Email addresses
     - Phone numbers
     - Custom fields
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2. **Dynamic Highlights & Statuses**
   - Users can share daily highlights, stories, and statuses, fostering community engagement.

3. **Social Features**
   - Follow other users, like posts, share stories, and chat via a **real-time messaging system**.

4. **File Uploads**
    - ○ Support for uploading images for:
        - ▪ Profile pictures
        - ▪ Status updates
        - ▪ Contact details
    - ○ Includes smooth previews using **JavaScript** and **Bootstrap modals**.

5. **Secure Authentication**
    - ○ Robust user authentication implemented with:
        - ▪ Encrypted passwords
        - ▪ Secure sessions via **Spring Security**

6. **Responsive Design**
    - ○ Fully optimized for mobile, tablet, and desktop using **Bootstrap** to ensure an elegant user experience on any device.

7. **Efficient Data Management**
    - ○ Powered by **Hibernate ORM** for seamless database interactions.
    - ○ Optimized query handling ensures faster retrieval and updates.

8. **Real-Time Chat System**
    - ○ Built-in messaging for direct, instant communication between users.

Technologies Used:

Backend:

- **Java**: Core programming language
- **Spring Boot**: Framework for creating REST APIs
- **Spring MVC**: For managing backend logic
- **Hibernate ORM**: For database interactions and efficient query management

Frontend:

- **HTML, CSS, JavaScript**: Foundation of the user interface
- **Bootstrap**: Ensures responsiveness and modern design aesthetics

Database:

- **MySQL**: Reliable database management for efficient data storage and querying

Security:

- **Spring Security**: Provides authentication and authorization mechanisms

Architecture:

- **Model-View-Controller (MVC)**: Ensures clean code separation and maintainability

Why This Project Stands Out:

This project highlights the integration of robust backend logic with a visually appealing and user-friendly frontend. Key functionalities such as real-time messaging, social interactivity, and dynamic status updates make the application unique and scalable for real-world use.