

Senior Web App Developer Assignment

Objective: To evaluate your skills in React.js, Node.js, and database management (preferably PostgreSQL) by developing a simple but functional web application. This assignment will help us understand your proficiency in frontend and backend development, database integration, and handling file uploads.

Project Description: You are required to build a web application that includes login/signup functionality and a form to submit personal details along with a PDF upload option. The application should use React.js for the frontend, Node.js for the backend, and any database (preferably PostgreSQL) for the database.

Requirements:

1. Login/Signup Page:

- Develop a login/signup page using React.js.
- Include the Shanture logo on the page.
- Save the credentials in the database.
- o Implement form validation and error handling for user input.

2. After Login:

- Upon successful login, display a form to collect basic personal details (e.g., Name, Email, Phone Number).
- Also add a field of entering the PAN Card and alongside an option to upload the supporting PDF document.
- Save the personal details and the PDF file in the database.
- o Implement form validation and error handling for the personal details form.

3. Re-login:

- Ensure that after logging in again, the user can view the submitted personal details and the uploaded PDF document.
- o Provide an option to download the previously uploaded PDF document.

Technical Specifications:

- Frontend: React.js
- Backend: Node.js
- **Database:** Any (PostgreSQL preferred)
- **File Storage:** Store PDF files in the database.
- Styling: Use a CSS framework of your choice (e.g., Bootstrap, Material-UI).

Deliverables:

1. Source Code:

- Provide a GitHub repository link with the complete source code.
- Include a README file with instructions on how to set up and run the application.

2. **Demo:**

 Record a short video (3-5 minutes) demonstrating the functionality of the application. The video should include the signup/login process, form submission, PDF upload, and the re-login to view the details and download the PDF.

Deadline:

• The assignment must be completed and submitted within 24 hours from the time of receiving this task.

Submission:

• Email the GitHub repository link and demo video link to hr@shanture.com before the deadline.