

MERN Stack Training

Company: Sensation Software Solutions

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Training Duration: 6 Months

Days: 68

Objective of the Day

Finalize **signup functionality** with **input validation** and **duplicate user check**.

Key Goals:

- Validate email format and password strength.
 - Prevent duplicate registrations.
 - Prepare endpoints for **frontend form integration**.
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Work Done on Day 68

1. Added **email format and password validation**.
 2. Implemented **duplicate email check**.
 3. Tested backend response for **invalid input or existing users**.
 4. Standardized **response messages** for frontend handling.
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Frontend-Backend Integration Considerations

- Designed **frontend error display** for validation failures.
 - Planned **React form validation states** to reflect backend errors.
 - Ensured consistency in **status codes and messages**.
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Hands-on Practice

- Simulated multiple signup scenarios using Postman.
 - Verified duplicate and invalid input rejection.
 - Prepared **auth.js** for seamless **React form integration**.
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Conclusion

Day 68 completed **robust signup implementation**, ready for secure frontend usage.