Week 2: Security Enhancements -

1. Input Validation:

Implemented validation using express-validator and manual checks in all user input routes including login, register, and profile.

2. Password Hashing:

Passwords are securely hashed using bcrypt before saving to the database to prevent credential theft in case of a data breach.

3. JWT Authentication:

Implemented JSON Web Token (JWT) authentication for secure session management and authorization.

4. Security Headers with Helmet.js:

Added Helmet middleware to the Express app to set security-related HTTP headers and mitigate common vulnerabilities.

Attached Evidences:







