SkillForge — Full Stack Development
Final Project Report
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Project Title: SkillForge — Full Stack Development Platform
Domain: Full Stack Development
Internship: upskillCampus
Prepared by: Sasi

1. Project Overview
SkillForge is a learning and project-hosting platform for full-stack developers. It demonstrates a simple
MERN-style architecture (Node/Express + MongoDB + React) with APIs for managing 'courses' and a small Re

2. Objectives
- Provide a runnable local full-stack scaffold.
- Demonstrate REST API patterns and a simple React frontend.
- Deliver documentation and code ready for extension and deployment.

3. Technologies Used
- Backend: Node.js, Express, Mongoose (MongoDB)
- Frontend: React (Vite), Axios
- Dev tooling: nodemon, vite

4. Architecture
- Backend: RESTful API with routes and Mongoose models.
- Frontend: Single Page App calling backend API.
- Database: MongoDB for persistence.

5. How to Run Locally
(see README.md in project root)

6. API Endpoints
- GET /api/health
- GET /api/courses
- POST /api/courses

7. Future Work
- Authentication (JWT)
- Role-based access
- Course editing/deleting, pagination, validation
- Dockerization and CI/CD

8. Conclusion
This scaffold provides a starting point for SkillForge. Extend it by adding auth, richer models, and a polished fro