WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/12/10**
Title: Full-Stack Web Developer Intern
Week Number:1

Responsibility:

Introduction to employees, working at Lunar IT Solutions Pvt Ltd.
Understand the organizational structure, development workflow, and internship objectives.
Participated in discussion about internship plans and goal
Explore the MERN stack setup.

Activities:

Gained insight into various working domain of Lunar IT Solutions Pvt Ltd.
Familiarized myself with company's hierarchy and team roles.
Discussed the overall road map and objective of Job Portal Management System.
Installed React, mongoDB and relevant dependencies and explored project repository

Observations:

Noted the collaborative and supportive atmosphere within the organization.
The MERN stack provides flexibility for full-stack development, and the project demands user role-based functionality.

Plan for Next Week:

Beginning working in design and implementation phase
Start designing the database schema and user authentication flow.

Performance Appraisal by Mentor

Mentor's Approval	**Supervisor's Approval**
Signature:	Signature:
Name: Tej Karki	**Name: Sadanadn Paneru**
Date:2081/12/17	**Date:2081/12/17**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/12/17**
Title: Full-Stack Web Developer Intern
Week Number:2

Responsibility:

Design and develop a secure user authentication system. Implement backend setup for user registration and login with Express and MongoDB.

Activities:

Designed MongoDB schema for Users and Roles. Integrated JWT token-based authentication. Used bcrypt to hash and verify passwords.

Observations:

JWT and bcrypt are essential for secure login systems. API design needs to accommodate future role-based access

Plan for Next Week:

Implement role-based access and separate dashboard for job seekers and recruiters.

Performance Appraisal by Mentor

Mentor's Approval **Signature:** **Name: Tej Karki** **Date:2081/12/24**	**Supervisor's Approval** **Signature:** **Name: Sadanadn Paneru** **Date:2081/12/24**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/12/24**
Title: Full-Stack Web Developer Intern
Week Number:3

Responsibility:

| Build the user interface for authentication and user dashboards using React. |
| Setup protected routes and manage user roles on the frontend. |

Activities:

| Created responsive login/register forms with React using Shadcn library. |
| Designed UI for recruiter and job seeker dashboards using role-based conditionals. |

Observations:

| Using context API to manage auth state improves maintainability of access control. |

Plan for Next Week:

| Develop job posting functionality for recruiters |

Performance Appraisal by Mentor

| |

| **Mentor's Approval**
 Signature:

 Name: Tej Karki
 Date:2081/12/31 | **Supervisor's Approval**
 Signature:

 Name: Sadanadn Paneru
 Date:2081/12/31 |

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/01/1**
Title: Full-Stack Web Developer Intern
Week Number:4

Responsibility:

Develop job posting features for recruiters with form validations. Connect job post forms to backend APIs for database integration.

Activities:

Built job post form with validations. Integrated job post API to store job data in MongoDB. Displayed posted jobs in recruiter dashboard.

Observations:

Well-structured forms and schema validation prevent incorrect data entries.

Plan for Next Week:

Implement job application system for job seekers.

Performance Appraisal by Mentor

Mentor's Approval **Signature:** **Name: Tej Karki** **Date:2082/01/7**	**Supervisor's Approval** **Signature:** **Name: Sadanadn Paneru** **Date:2082/01/7**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki **Date:2081/01/7**
Title: Full-Stack Web Developer Intern
Week Number:5

Responsibility:

Build the job application module for seekers including resume and personal info. Create dynamic CV generation using submitted user data.

Activities:

Created job application form with resume fields. Developed dynamic CV generation using user-provided info. Stored application data in the database.

Observations:

Generating CVs dynamically reduces dependency on static uploads and increases user interaction.

Plan for Next Week:

Enable recruiters to view applications and integrate email functionality

Performance Appraisal by Mentor

Mentor's Approval	**Supervisor's Approval**
Signature:	Signature:
Name: Tej Karki	**Name: Sadanadn Paneru**
Date:2082/01/14	**Date:2082/01/14**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/01/14**
Title: Full-Stack Web Developer Intern
Week Number:6

Responsibility:

Implement recruiter-side functionality to view applicants
Add email communication features for sending job decisions.

Activities:

Displayed job applications in recruiter dashboard
Integrated email service using Nodemailer to send acceptance/rejection emails

Observations:

Automated communication improves user experience and reduces manual work for recruiters.

Plan for Next Week:

Integrate real-time notification for newly posted jobs.

Performance Appraisal by Mentor

Mentor's Approval	**Supervisor's Approval**
Signature:	**Signature:**
Name: Tej Karki	**Name: Sadanadn Paneru**
Date:2082/01/21	**Date:2082/01/21**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/01/21**
Title: Full-Stack Web Developer Intern
Week Number:7

Responsibility:

Add real-time functionality to inform seekers about new job posts.   Integrate Socket.IO for real-time updates and notifications.

Activities:

Setup WebSocket connection using Socket.IO   Sent real-time notifications to seekers when a recruiter posts a new job   Displayed toast alerts on frontend for new job posts

Observations:

Real-time feedback keeps users engaged and improves platform responsiveness.

Plan for Next Week:

Enhance UI/UX and handle error validation across all forms.

Performance Appraisal by Mentor

Mentor's Approval **Signature:** **Name: Tej Karki** **Date:2082/01/28**	**Supervisor's Approval** **Signature:** **Name: Sadanadn Paneru** **Date:2082/01/28**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/02/04**
Title: Full-Stack Web Developer Intern
Week Number:8

Responsibility:

Improve overall user interface for better usability.
Implement client and server-side error handling for all forms.

Activities:

Improved layout and color schemes for better user experience.
Handled server and client-side validation errors.
Optimized code for readability and performance.

Observations:

User interface and smooth interactions are as crucial as the core functionality for any application.

Plan for Next Week:

Test the entire application, fix bugs, and ensure feature completeness.

Performance Appraisal by Mentor

Mentor's Approval	**Supervisor's Approval**
Signature:	Signature:
Name: Tej Karki	Name: Sadanadn Paneru
Date:2082/02/11	Date:2082/02/11

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/02/11**
Title: Full-Stack Web Developer Intern
Week Number:9

Responsibility:

Conduct thorough testing and debugging across all modules. Document API routes, models, and feature descriptions.

Activities:

Performed end-to-end testing for all modules. Fixed bugs in login, application submission, and notifications.

Observations:

Testing phase is vital to ensure stability and discover edge-case issues.

Plan for Next Week:

Prepare final deployment and presentation

Performance Appraisal by Mentor

Mentor's Approval **Signature:** **Name: Tej Karki** **Date:2082/02/18**	**Supervisor's Approval** **Signature:** **Name: Sadanadn Paneru** **Date:2082/02/18**

WEEKELY INTERNSHIP LOG

Name of student: Suman Karki   **Date:2081/03/02**
Title: Full-Stack Web Developer Intern
Week Number:10

Responsibility:

Contribute to final project delivery Prepare for final internship presentation and documentation submission.

Activities:

Ensured environmental variables and routes were correctly set. Documented APIs and project features.

Observations:

Deployment and final touches give a real-world finish to the project and reflect professionalism.

Plan for Next Week:

Defend the internship project and highlight learning outcomes

Performance Appraisal by Mentor

Mentor's Approval **Signature:** **Name: Tej Karki** **Date:2082/03/09**	**Supervisor's Approval** **Signature:** **Name: Sadanadn Paneru** **Date:2082/03/09**