Monthly Work Report (December 2024)

Reported Date 02-01-2025

1. Employee Details

Employee ID: 10237

Name: Punam Nanasaheb Mohite

Designation: Software Developer Intern

Department: Technical

Date of Joining: 4 June 2024

Reporting Manager: Pruthvi Sir

2. Work Performance

Key Responsibilities:

-Here are key responsibilities when working with a MERN stack and React Native application that involves API integration:

- Backend Development (MERN Stack)
  1. Database Design and Management
  2. API Development
  3. Server-Side Logic
  4. Deployment and Maintenance
- Frontend Development (React Native & React.js)
  1. UI/UX Development
  2. API Integration
  3. Error Handling
  4. State Management

Tasks Completed:

- **ITAS App:**

  - Worked on the overall API Integration for Send OTP, Verify OTP, Login, Registration, Profile.

  - Implemented Map Functionality with showing the current location of user, Routes between 2 locations, and distance calculation between 2 locations.

  - Front end Design and Testing from project structure setup to deployment.

- JWT token decode and set session for once the token stored then need not to login,register again.

- **SchoolApp:**

- Worked on the deployment of the App.

- **SchoolTeacherApp:**

- Work on the API integration of the project.

- Work on the Front end Design.

- Testing from new react native project structure to front end perfectly building to error handling for API.

Current Projects:

- SchoolTeacher App - Status: Ongoing

- SchoolApp- Status-Completed

- ITAS - Status- Partially Completed

Achievements:

- Developed and deployed a scalable MERN stack backend with secure RESTful APIs and seamlessly integrated them into a high-performing React Native mobile application, enhancing user experience and engagement.

- Implemented JWT token decoding and session management to enable seamless user authentication, allowing users to remain logged in without re-registering or re-logging after storing the token.

3. Attendance and Leave Record

Working Days: 24

Days Present: 20

Days Absent: 4

Leaves Taken:

- Sick Leave: 2

- Casual Leave: 2

- Other Leave: 0

4. Skills and Training

Skills Acquired/Used:

• Authentication, Security & Token Management: Backend Token Generation and decoding.

5. Feedback

Employee Feedback:

- Worked collaboratively with team members.

- Enjoyed learning and implementing new features.

Manager Feedback:

6. Areas of Improvement

7. Recommendations

Prepared By:
Punam Mohite
Software Developer Intern

Approved By:
Shardul Sir
Technical Manager

Signature: