

# INDUSTRIAL TRAINING

**Hightechx Software Solutions (Pvt) Ltd**

SOFTWARE ENGINEER - INTERN

**(01.07.2024 to 31.12.2024)**

**Presented By :**

**Ediriwickrama E.A.N.H. (EG/2020/3920)**



# AGENDA



1

COMPANY OVERVIEW

2

TECHNICAL EXPERIENCE

3

MANAGEMENT EXPERIENCE

4

CONCLUSION

# COMPANY OVERVIEW

## ★ INTRODUCTION

Hightechx Software Solutions (PVT) LTD is a rapidly growing tech company offering innovative software and digital solutions to both local and international clients.

## ★ FOCUS ONTO

Web and mobile app development, IT consultancy.



## ★ MISSION

To be the foremost IT infrastructure service provider in Sri Lanka.

## ★ VISION

To deliver cost-effective and cutting-edge IT solutions to our clients across regional and global markets, so that they may derive maximum value from their IT investments.





# COMPANY SERVICES

- ★ **Web Application Development**
- ★ **Mobile Application Development**
- ★ **Software Development**
- ★ **Technical Consultation**



## TECHNICAL EXPERIENCE

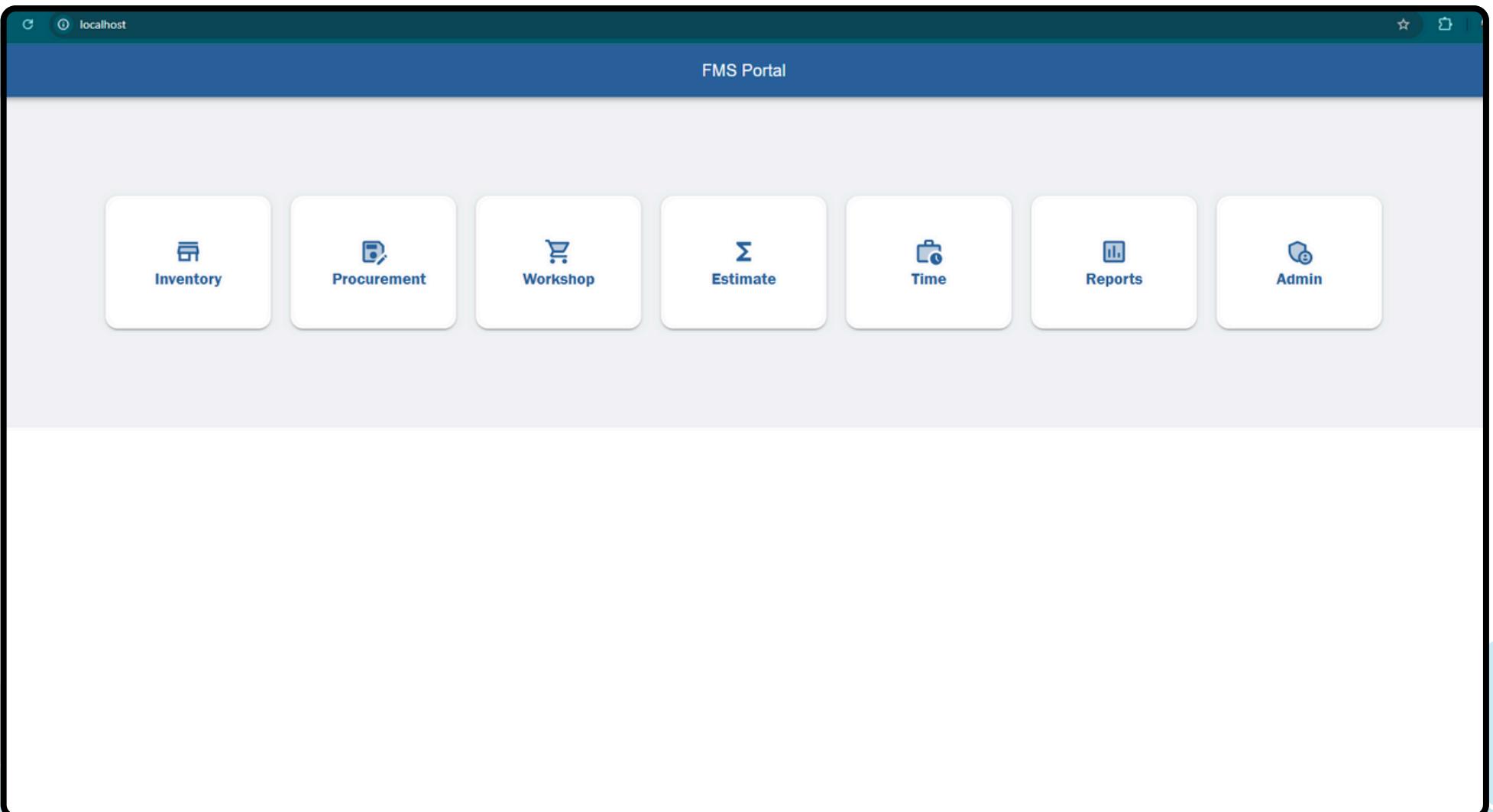
- ★ **React.js – for modern frontend development**
- ★ **Spring Boot – for robust backend API development using Java**
- ★ **TypeScript – for building type-safe and scalable applications**

# PROJECT CONTRIBUTIONS



## FMS PORTAL (ERP System)

The Dashboard Project is a dynamic, data-driven platform designed to empower companies with insightful, graphical representations of their data, enabling informed decision-making and strategic planning



# FMS PORTAL : Implemented Screens



**Adhoc miscellaneous**



**Busfare**



**Checkroll**



**Employee**



**Estimate overhead**



**Machine cost**



**Tax**

**DEVELOPER**

**Tax**

Action	Code	Name	Status	Cre By	created Date	Mod BY	Modified Date	App By	Approved Date
		T001	VAT	Approved	admin	2010-03-27T11:07:38	admin	2010-03-27T15:26:59	admin
		T002	NBT	Approved	admin	2010-03-27T16:13:51	admin	2010-03-27T16:14:04	admin
		T003	Profit	Approved	samantha	2010-08-21T13:34:56	samantha_ap	2010-08-21T13:35:31	admin
		T004	Incidental Ex...	Approved	herath	2011-04-25T15:03:32	superadmin-e...	2011-04-28T10:11:41	admin
		T005	Incidental Ex...	Approved	herath	2011-04-25T15:06:54	superadmin-e...	2011-04-28T10:11:45	admin
		T006	Incidental Ex...	Approved	herath	2011-04-28T10:56:48	superadmin-e...	2011-04-28T10:58:38	admin
		T007	Incidental Ex...	Approved	superadmin-e...	2016-03-09T14:55:38	superadmin-e...	2016-03-09T14:56:02	admin
		T008	SSCL 2.5%	Approved	superadmin-e...	2023-01-04T09:14:07	superadmin-e...	2023-01-04T09:15:02	admin
		T009	Electricity	Approved	superadmin-e...	2023-02-17T12:42:32	superadmin-e...	2023-02-17T12:42:54	admin
		I2023	Incidental 2.5...	Approved	superadmin-e...	2023-08-25T09:22:16	superadmin-e...	2023-08-25T09:22:33	admin
		OT001	Design and dr...	Approved	superadmin-e...	2024-01-29T12:13:04	superadmin-e...	2024-01-29T12:13:52	admin
		T0001	dsads	Approved	SystemUser	2025-05-19T15:09:53	SystemUser	2025-05-19T15:11:06	SystemUser

Rows per page: 100 < 1-12 of 12 >

# FMS PORTAL : Implemented Screens

home

**Admin**

- Users
- DB Backup
- Sync Portal Data
- Item Audit

**Master**

- Labour Rate
- Overhead Rate
- Estimate Overhead
- Estimate - Labour Rates
- Client
- System Process Date
- Job Sheet Register
- Tax
- Tax Details
- Employee Shop
- Job Type
- Invoice
- Labour Attendance
- Machine Cost
- Checkroll
- Employee
- Employee Category
- Adhoc miscellaneous
- Bus Fares
- Machine
- Grade
- Machine Grade

## Create Adhoc miscellaneous

Voucher No

Date

Shop No

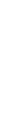
Employee No

Duty Allowance \*

+Save Cancel

Date Job No Amount Description

+Save Cancel



# FMS PORTAL : POS System

Billing screen and Refund screen for processing sales in the factory's retail store (part of the ERP system).

**DEVELOPER**

**RETAIL STORE**

Notifications

- All Notifications
- Pending Approvals
- Rejected Items

Admin

POS

Name	Quantity	Price
No rows		

Rows per page: 100 0-0 of 0

Invoice No:0 Customer Name

Refund Bill

Total : 0.00 Pay

**Return Page**

Requisition No :

Return Invoice Id :

<input type="checkbox"/>	Item Name	Quantity	Unit Price	Total
No rows				

Rows per page: 100 0-0 of 0

Refund Clear



# FMS PORTAL : Reporting

En

DEVELOPER

home

Admin

- All Reports
- Job Estimate
- Job Sheet Report
- Requisition
- Job Details Report
- Estimate Registry
- Completed Job Report
- Foundry Job
- Foundry Cost
- Employee Summary
- Individual Job
- IWE Report
- Invoice
- PIV Report
- CF Report
- Job Report
- Loss Job Report
- Debtors Report
- Debtors No PIV Report
- Client Register Report
- Debtors None Vote Report
- Advise Of Debits Report
- Debtors Total Cost Exceed Report
- Idle Labour Report
- Material Report
- Customer Details Report
- Attendance Report

## Job Details Report

Shop No

Start Date

End Date

Download Cancel



# FMS PORTAL : Reporting

Report No. RPTJOBD

COMPANY NAME

FOUND/141

## Job Details Report

Duration From : 2024-01-01 To : 2024-09-13

Page 1 of 1

Shop No : 1

Job No	Job Date	Description	Completed	Current Year
1001	2024-01-01	To meet Expenditure under production overhead	No	2024
Sub Order/Main Job Date	Shop No	Sub Order Description	Approved	Main Job
2024-01-09	1	To meet Expenditure under production overhead	Yes	MN
1002	2024-01-01	To meet expenditure of labour, when no specific work to be attend under a job sheet In such instances mark labour thous who attended any work directed by the work shop officer	No	2024
Sub Order/Main Job Date	Shop No	Sub Order Description	Approved	Main Job
2024-01-01	1	To meet expenditure of labour, when no specific work to be attend under a job sheet In such instances mark labour thous who attended any work directed	Yes	MN
1003	2024-01-01	To meet expenditure for shop assistant and clerks	No	2024
Sub Order/Main Job Date	Shop No	Sub Order Description	Approved	Main Job
2024-01-01	1	To meet expenditure for shop assistant and clerks	Yes	MN
2024-01-01	18		Yes	SO
1004	2024-01-01	Expenditure on handt tools etc, for the tool stores	No	2024
Sub Order/Main Job Date	Shop No	Sub Order Description	Approved	Main Job
2024-01-01	1	Expenditure on handt tools etc, for the tool stores	Yes	MN
1005	2024-01-01	Expenditure on Plant and machinery maintanance of the workshop	No	2024
Sub Order/Main Job Date	Shop No	Sub Order Description	Approved	Main Job
2024-01-01	1	Expenditure on Plant and machinery maintanance of the workshop	Yes	MN
2024-01-01	16		Yes	SO
20008	2024-01-01	Labour Chargers fo Janaka & Janit (Computer Assistant)	No	2024
Sub Order/Main Job Date	Shop No	Sub Order Description	Approved	Main Job
2024-01-01	1	Labour Chargers fo Janaka & Janit (Computer Assistant)	Yes	MN

## FRONT END DEVELOPMENT



## BACKEND DEVELOPMENT



# TECHNOLOGIES USED

## MANAGEMENT



## REPORT DEVELOPMENT



# MANAGEMENT EXPERIENCE



## PROJECT MANAGEMENT

The company uses the Agile Project Management method.

**Sprint Planning:** Set goals, estimate tasks, update JIRA.

**Daily Standup/Catchup:** 15-minute updates on progress and blockers.

**Sprint Review:** Demo features, gather feedback.

**Sprint Retrospective:** Reflect on successes and improvements.



# MANAGEMENT EXPERIENCE



## COMMUNICATION AND TEAMWORK

Clear, respectful communication via Google Meet, chats, and JIRA.

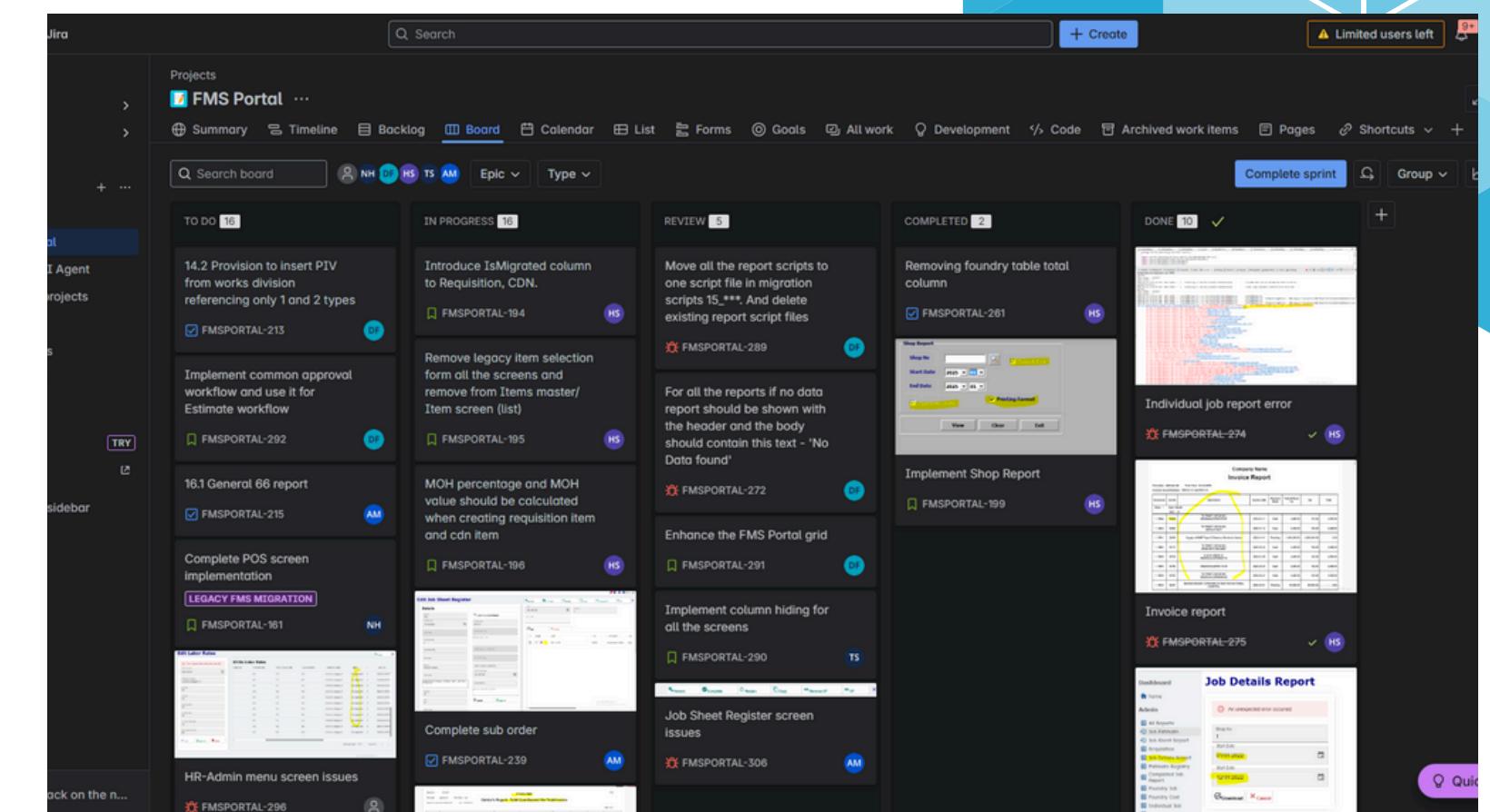
Encouraged idea-sharing and constructive feedback.

Collaborative problem-solving



## TIME MANAGEMENT

Prioritize tasks using sprints, allocating time effectively via JIRA tracking.



# CONCLUSION



I applied what I learned at university to real-world projects like the FMS Portal. Early courses boosted my confidence and helped me understand how software systems are built and managed in practice.



enhancing technical expertise and soft skills like problem-solving and collaboration



# THANK YOU

