

PSG College of Technology, Coimbatore – 641 004
Department of Applied Mathematics and Computational Sciences
VII MSc Software Systems
7th Semester Internship - Progress Report 1

Name	Sai Dinesh B
Roll No	20PW30
Organization	Foxsense Innovations Pvt. Ltd.
Date of Joining	08th May 2023
Academic Guide	Dr. Mohan K
External Guide	Narasimha Praneeth

About Foxsense Innovations:

FoxSense Innovations was established in 2019 by three partners with a goal to bring innovative solutions for businesses to meet ongoing demands in the tech industry and help organizations scale precisely by using cutting-edge technology to manage runtime environment, data services, security & compliance, and also enhance developer and operational experience.

The company offers :

- Comprehensive Technology Consulting
- Web Applications Development
- Mobile Applications Development
- Data Services : Migration | Integrations | Scraping | Analytics
- Legacy Systems Migration
- Ongoing Technical / DevOps Support

Internship progress

Project title : **Trace Register**

Trace Register is a company that specializes in seafood traceability and sustainability solutions. They offer a comprehensive software platform designed to help seafood companies achieve transparency, traceability, and responsible sourcing throughout their supply chains.

A team from Foxsense Innovations is working on their web application (TRv5). I am working as an intern in the team.

Week 1 - 2:

I was done with the onboarding process in the company and understood the process of project development through training videos. I also interacted with the clients of the project.

Week 3 - 4:

I completed the setup of necessary platforms in the laptop. I also got access to the cloud instance and code base. To get up to speed with the development I had been given simple tasks such as bug fixes in the UI. Also the client was more particular on **Test Driven Development** principles and I got an opportunity to be a part of their training for **Test Driven Development** methodology.

Week 5 - 6:

I worked on contributing to and implementing new features required by the client. These features that were developed by the team, were showcased by the client at a national seafood expo and it was well received with good feedback by customers.

Week 7 - 8:

I continued to work on the maintenance of these features by fixing bugs. In addition, to ensure that the principles of TDD are followed, I was actively involved in the refactoring of the existing codebase to make it testable.

Technology	Front-end development : React JS Back-end development : C#
Tools	Microsoft Platforms - Visual Studio, visual studio code, Remote desktop, SQL server management studio. Azure Platforms - Azure devops (for CI/CD pipelines). VPN access - OpenVPN client.