An Internship Report Presentation On:

"Software Development at Reduct Nepal Pvt.Ltd."

Introduction

Name: Subash Pandey

College: Oxford College, Butwal

Program: Bachelor of Information management(BIM)

Internship Organization: Reduct Nepal Pvt.Ltd.

Exam Roll Number: 12661/20

TU Registration Number: 7-2-559-29-2020

Placement Details

Department: Tech Team

Position: Full Stack Intern

Duration: 3 Months (Dec 2024 – Mar 2025)

Supervisor: Mr. Avineak Duwal (Tech Lead)

Why I Chose Reduct Nepal:

- ➤ Forward-Thinking Culture
- ➤ Alignment with Core Values.
- ➤ Hands-on Learning Opportunity
- ➤ Professional Growth.

Tools & Technologies Used

Programming & Frameworks:

- ➤ Next.js
- ➤ Google App Scripts

Database:

≻ PostgreSQL

Version Control:

➤ Git / GitHub

Project Management & Methodology:

➤ Agile / Scrum

Collaboration & Design:

Figma (for UI/UX review)

Research & Analysis Tools:

Researched Airbyte and identified Dagster as an ETL tool alternative.

Activities Performed

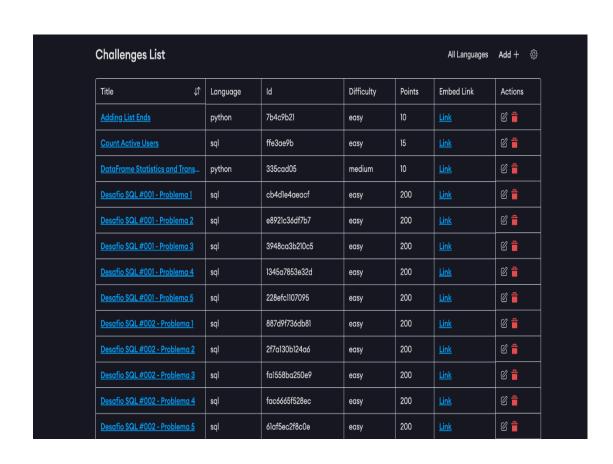
- **≻**Core Project
- ➤ Technical Documentation
- ➤ System Research
- ➤ Internal Tool Automation
- ➤ Quality Assurance
- ➤ Agile Collaboration

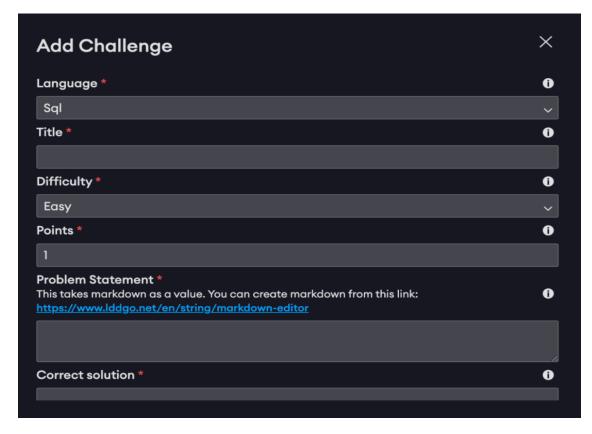
Core Project: Challenges Management System

My Key Contributions:

- ➤ Full-Stack Development.
- >Front-End
- ➤ Back-End
- **➤**Integration
- **▶** Documentation

Screenshots of Challenges Management System





Other Key Activities

- > Technical Documentation for Programiz
- > ETL Tool Research
- ➤ Automated Google Form
- Reliability Testing

Lessons Learned (Technical Skills)

- ➤ Full-Stack Development
- ➤ Database Management
- ➤ Version Control Mastery
- ➤ Importance of Documentation
- ➤ System Analysis

Lessons Learned (Professional Skills)

- ➤ Agile Methodology in Practice
- **≻**Effective Communication
- ➤ Problem-Solving & Initiative
- ➤ Time Management & Accountability
- ➤ Receiving Constructive Feedback

Conclusion

- The internship at Reduct Nepal provided an enriching experience that successfully bridged the gap between academic knowledge and industry practice.
- ➤I was able to contribute to meaningful projects, which enhanced my technical skills in full-stack development and professional skills in communication and project management.
- This experience has solidified my passion for software development and has prepared me for a future career in the IT industry.

Thank You