Dapt, a US-based company, simplifies the complexities of job costing and payroll by empowering businesses to maintain accurate job costing in real time.
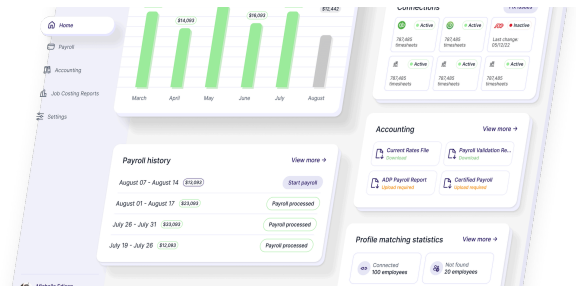
Real-Time Job Costing and Payroll Automation—Seamlessly Integrated with Your Trusted Accounting Tools.

Engagement Overview

Crownstack engaged with Dapt Tech as an Engineering partner in 2023 to revamp and continuously improve its multiple existing products, delivering a better user experience and making them more structured and scalable. The scope includes both front-end and Backend development.

About the Customer

Dapt was founded in 2019 to empower its customers by providing accurate, real-time data to fuel their growth and success. It is a robust, flexible, and resilient job costing platform that allows businesses with real-time data to drive growth and success. Designed for adaptability, it enables seamless integration with new service providers in days, not weeks, and allows for rapid delivery of new customer requirements in hours, not days. By streamlining job cost accounting, time tracking, payroll, and compliance, Dapt provides enhanced visibility, data-driven decision-making, and actionable insights through powerful dashboards, analytics, and modelling tools.

Industry	Software Development

Business Challenges

Dapt Tech effectively addresses various business challenges frequently encountered by organisations with intricate payroll and job costing requirements.

- **Complex Pay Structures:** Many businesses find it challenging to manage intricate pay rates, such as those for completed installations, complex overtime rules, on-call rates, and shift differentials. Dapt's platform is designed to handle these complexities, ensuring accurate and compliant payroll processing.
- **Manual Data Entry and Integration Issues:** Companies often encounter difficulties integrating time-tracking systems with payroll and accounting software. This frequently results in manual data entry, leading to increased errors and

inefficiencies. Dapt unifies these systems, automating data flow and reducing the need for manual intervention.

- **Compliance with Prevailing Wage Rates:** Accurately applying prevailing wage rates can be a common challenge, especially for businesses using multiple systems that do not integrate seamlessly. Dapt addresses this issue by integrating with platforms like ADP Workforce Now and QuickBooks Time, ensuring the correct application of prevailing wage rates and compliance with regulations.
- **Certified Payroll Reporting:** Completing certified payroll reports can be time-consuming and error-prone. Dapt automates this process, minimising the risk of mistakes and saving valuable time.

Business Solution

Dapt Tech provides a comprehensive SaaS solution to streamline and automate job costing, payroll, and accounting processes. By integrating with platforms like ADP, QuickBooks, Paychex, and eBillity, Dapt Tech ensures seamless data flow across systems. This integration eliminates the need for manual data entry and reduces the likelihood of errors.

Key Features of Dapt's Solution:

- **Advanced Labor Tracking:** Effectively manages complex pay structures, including variable rates such as prevailing wages, shift differentials, bonuses, and multi-state jurisdictions.
- **Seamless Integrations:** Connects with leading payroll processors, time-tracking applications, and accounting systems, allowing businesses to retain their existing tools while enhancing functionality.
- **Custom Reporting:** Automates certified payroll, PTO balance reports, workers' compensation, salaried actual hour reporting, and more, providing businesses with tailored insights to support decision-making.

By addressing the complexities of job costing and payroll, Dapt's solution enables businesses to operate more efficiently, ensure compliance, and concentrate on growth without needing to overhaul their existing systems.

Technology Stack

Frontend	Next JS-13
Backend	Nest JS
Database	Postgres(Old), Mongo DB(Now using), Open Search
Workflow	JIRA, Slack, Github

Business Outcome

Dapt's platform delivers several key business outcomes for its users:

- **Eliminating Manual Data Entry:** Dapt integrates payroll, accounting, and time-tracking systems to reduce the need for manual data entry, which minimizes errors and saves time.
- **Reduction in Payroll Errors:** The platform ensures accurate payroll processing by automating complex calculations, such as varying pay rates based on different job conditions. This leads to fewer errors and increased compliance.

- **Real-Time Financial Insights**: Dapt provides up-to-date profitability insights, enabling businesses to make informed decisions quickly.
- **Enhanced Profitability Tracking:** With detailed job costing analytics, companies can monitor profit and loss by job, assess burden rates and margins, and effectively manage bonuses and commissions.
- **Simplified Payroll Management:** The platform streamlines payroll management by allowing for easy tracking of employee pay breakdowns and accommodating changing rates, such as prevailing wages. These features enable businesses to optimise their operations, enhance profitability, and support sustainable growth.

Further Links

Learn More About Crownstack's Offerings

Learn More about Dapt