

Green Light Escrow



Project Brief

Green Light Escrow is a New Zealand-based web application designed for employers and tradies, facilitating job creation, assignment, payment management, and dispute resolution. Users can register, create jobs, handle disputes, and chat. The system also features a super admin dashboard for payment history and dispute management.

Key Challenges

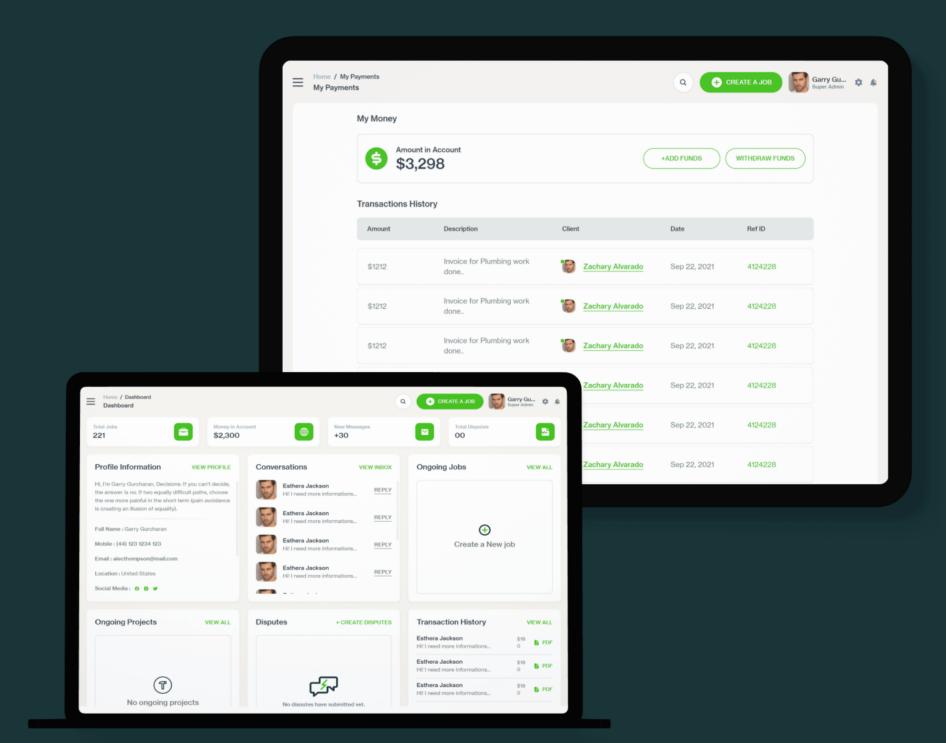
- Real-Time Chat: Enabling real-time chat for immediate communication between tradies and employers.
- Push Notifications: Implementing push notifications to keep users informed about job updates.
- User Role Management: Efficiently managing user roles and permissions to control access.
- Fund Management: Splitting funds based on job completion and managing transactions across multiple bank accounts.
- Dispute Resolution: Establishing a system for users to raise and handle job disputes effectively.
- Interim Change Requests: Addressing frequent changes in project requirements with a structured process.
- Milestone Payments: Implementing a system for payments based on project milestones.
- Payment History: Recording and tracking payment history for transparency.
- Admin Dashboard: Develop a comprehensive dashboard for super admins to manage the platform.
- Database Integration: Integrating and efficiently managing data in MySQL for seamless operations.

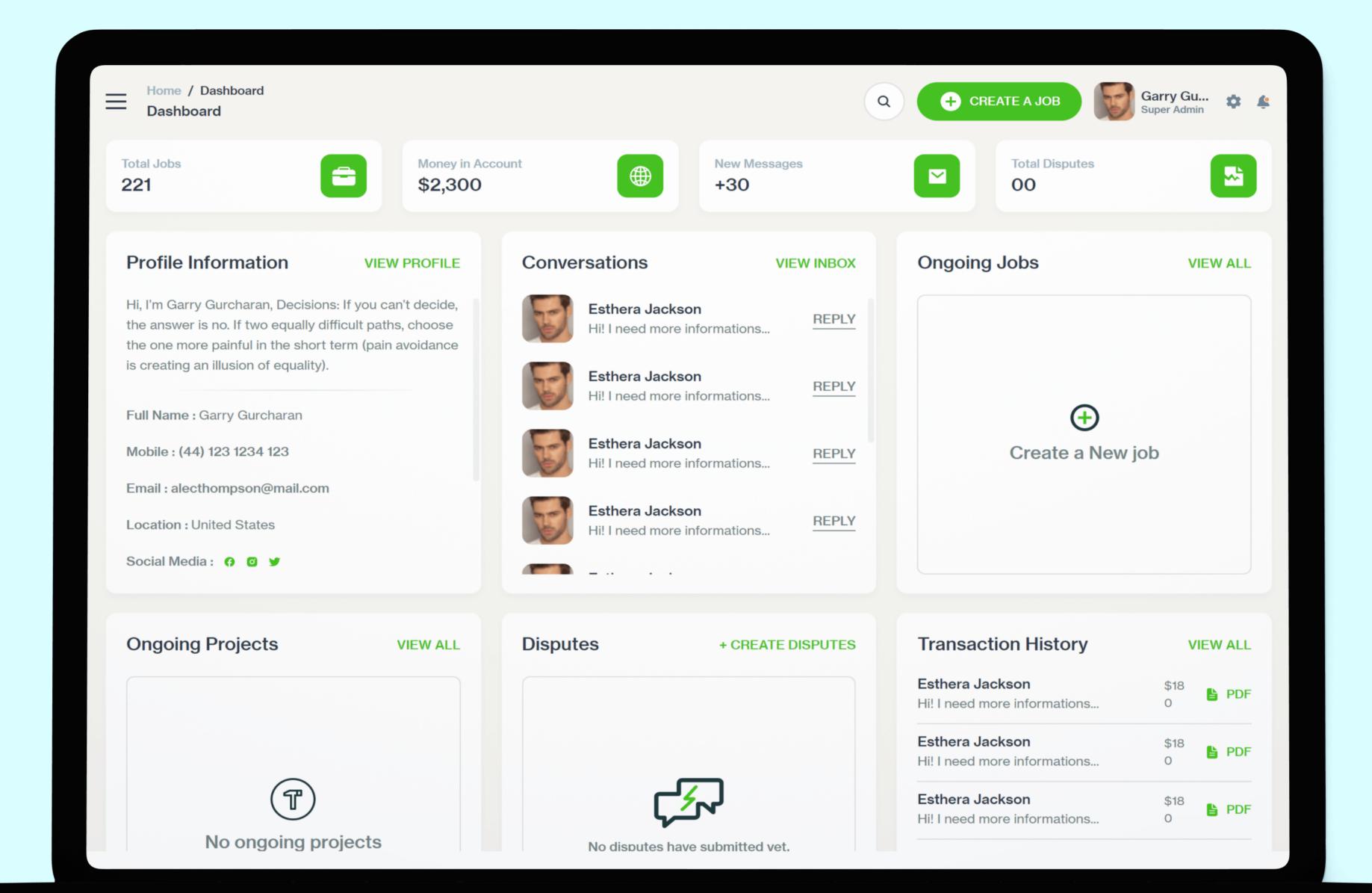
Solution Delivered

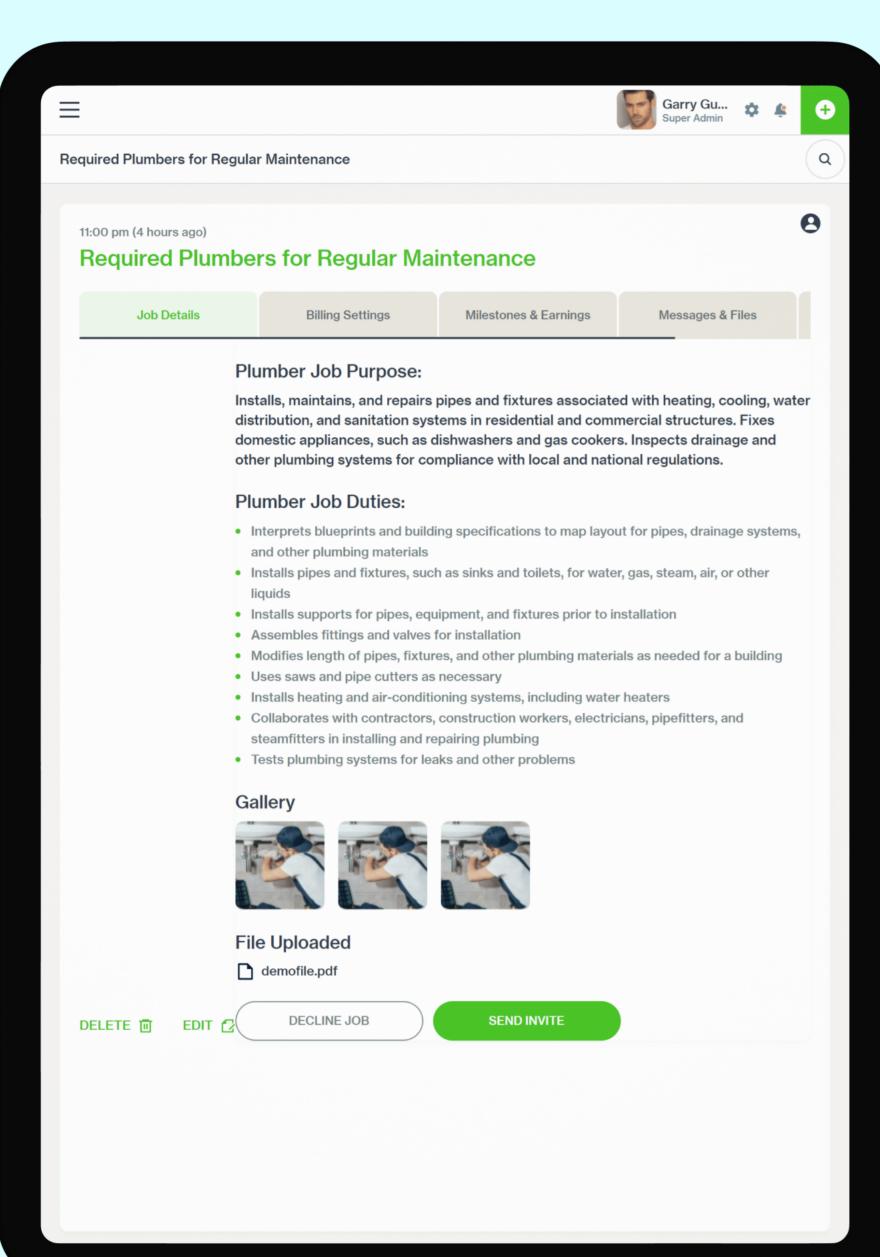
- Chat Integration: Utilize Pusher SDK for real-time chat functionality.
- **Push Notifications:** Implement push notifications for job updates.
- Role-Based Access Control: Develop a role management system for user access control.
- Fund Management Module: Create a module to manage funds and distribute payments.
- Dispute Resolution System: Implement a dispute management system with live chat support.
- Change Request Handling: Carefully address and incorporate client's change requests.
- Milestone Payment System: Design a system for milestone-based payments.
- Payment History Log: Record and display payment history for transparency.
- Comprehensive Admin Dashboard: Build a robust dashboard for super admins to oversee all aspects of the system.
- MySQL Integration: Integrate MySQL database for efficient data storage and retrieval.

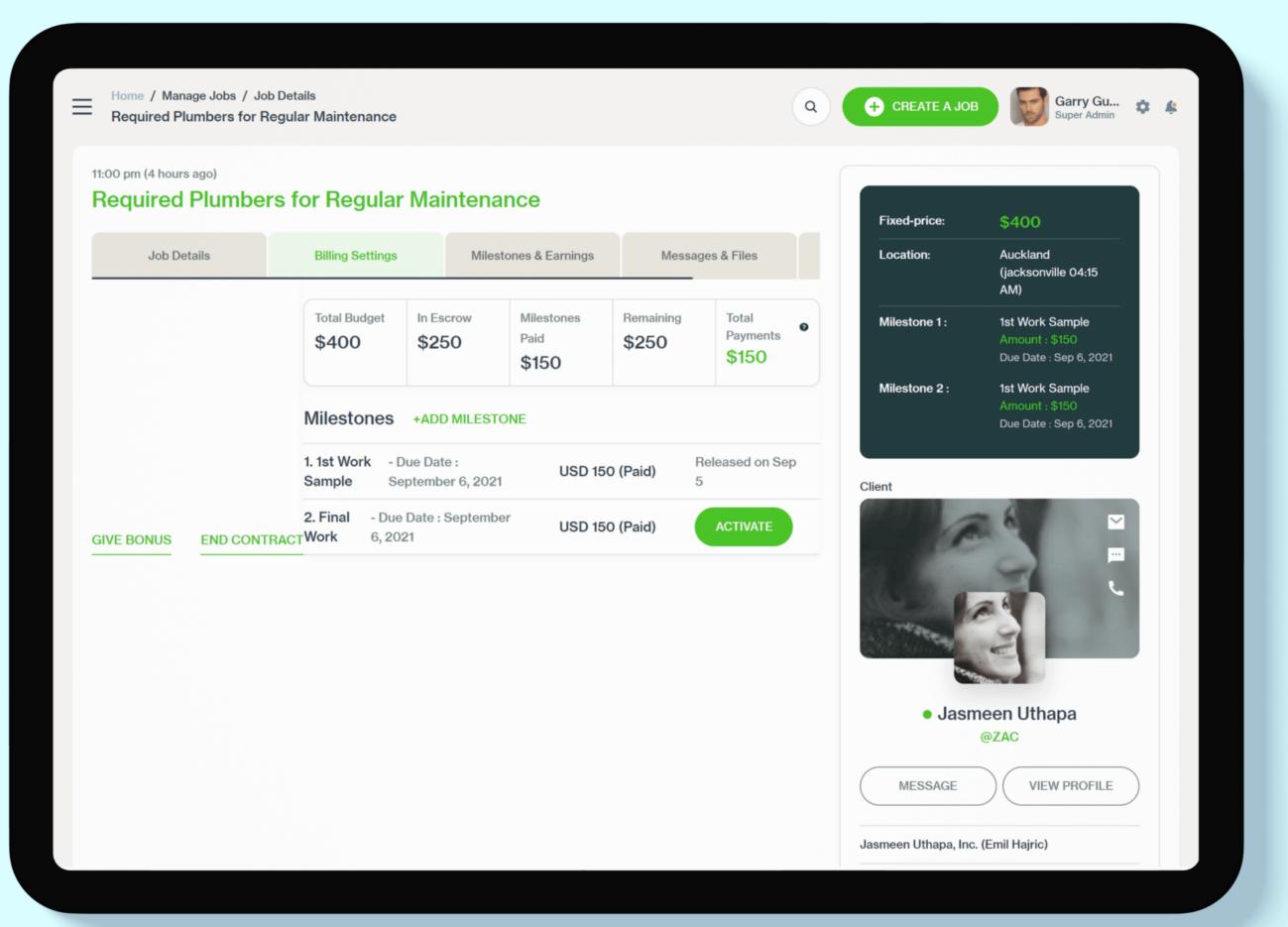
Highlighted Features

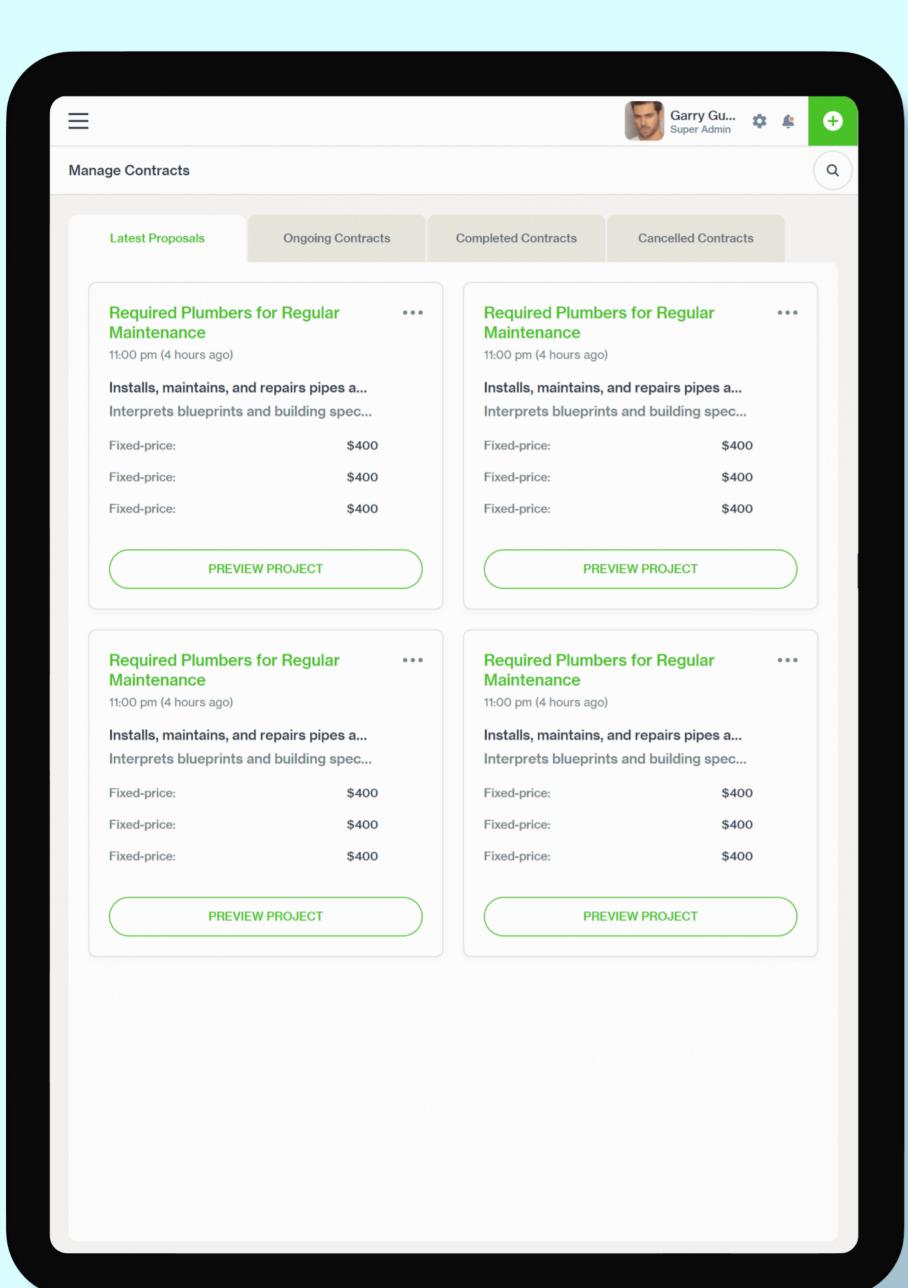
- User registration and role management.
- Real-time chat for communication.
- Fund management and payment distribution.
- Dispute resolution system with live chat support.
- Job creation and assignment.
- Payment milestones and history.
- Admin dashboard for oversight.
- Comprehensive user and job management.
- Push notifications for job updates.
- Secure and efficient MySQL database integration.

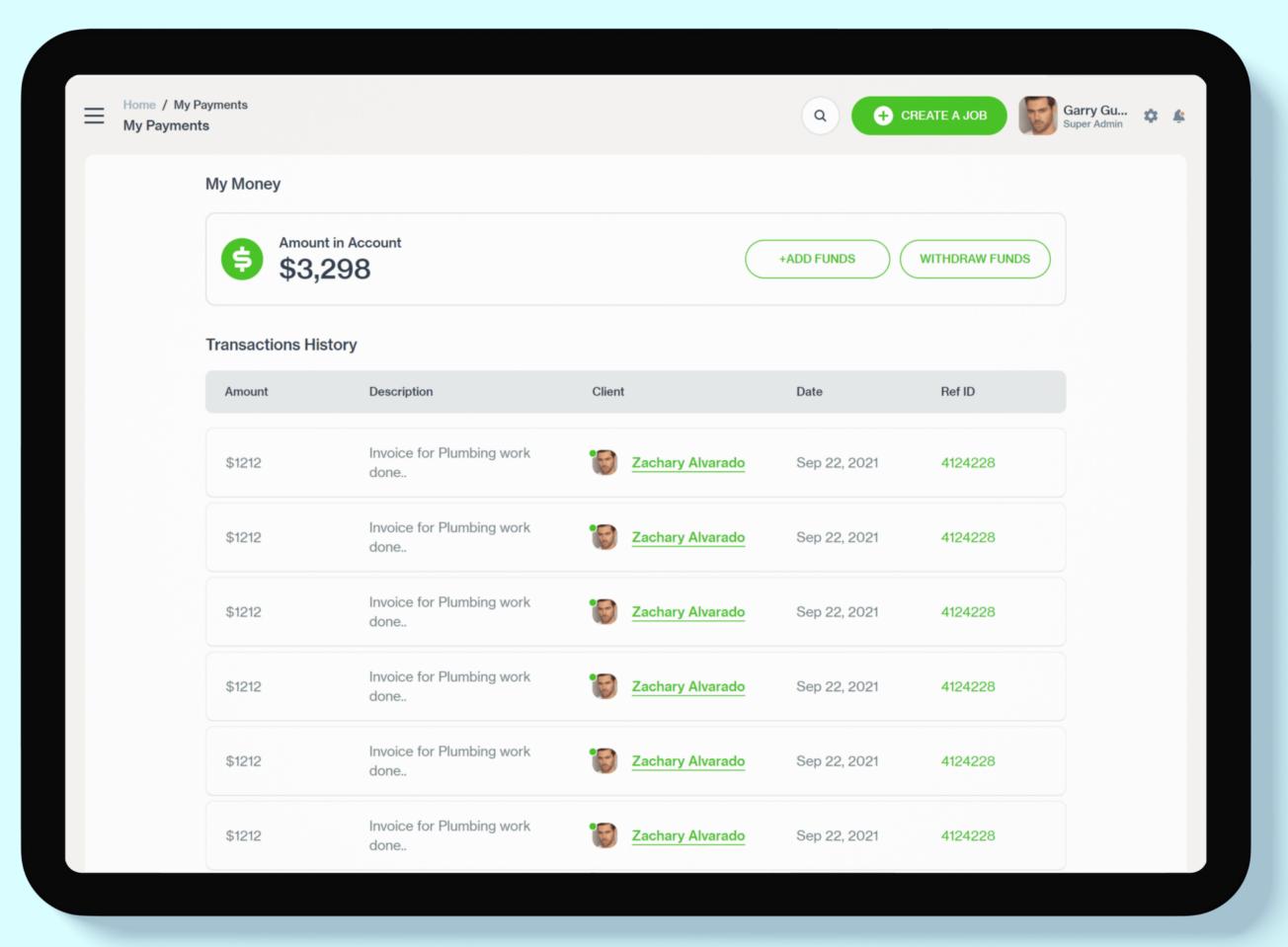
















Technology Overview

Web Framework

.NET Core

• Programming Language

C#

Design Tool

Figma

Visit Website

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UI Framework

Bootstrap

Database

MySQL

Industry Domain

FinTech