

# Diamond Jobwork Management Software

Licensed ERP Desktop Application with Software Activation

Developed using:

C# | .NET Framework | Windows Forms | SQLite (Local Database)

---

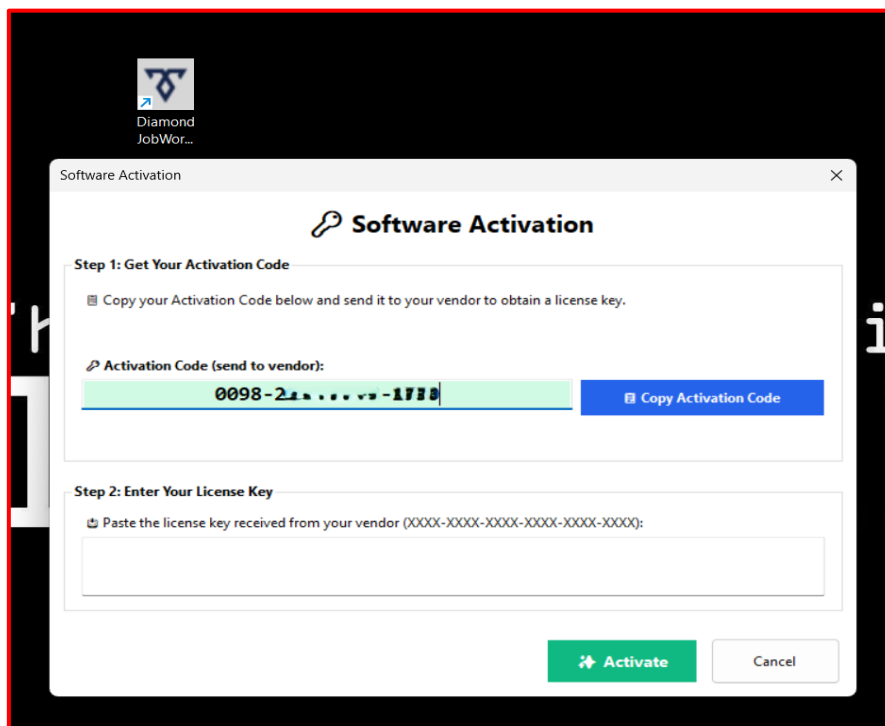
## Core Features:

- Secure software activation using license key
  - Licensed desktop software for commercial distribution
  - Jobwork and business process management
  - Automatic invoice generation and billing system
  - Revenue tracking and financial reporting
  - Database backup and restore functionality
  - Business automation and workflow management
- 

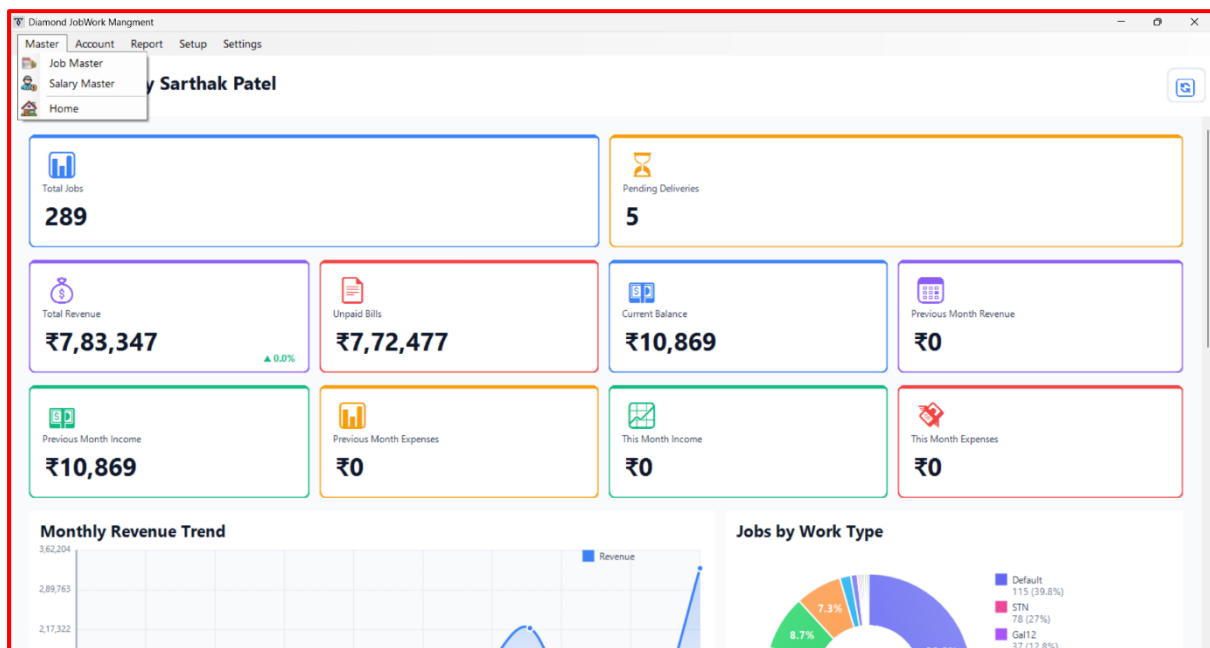
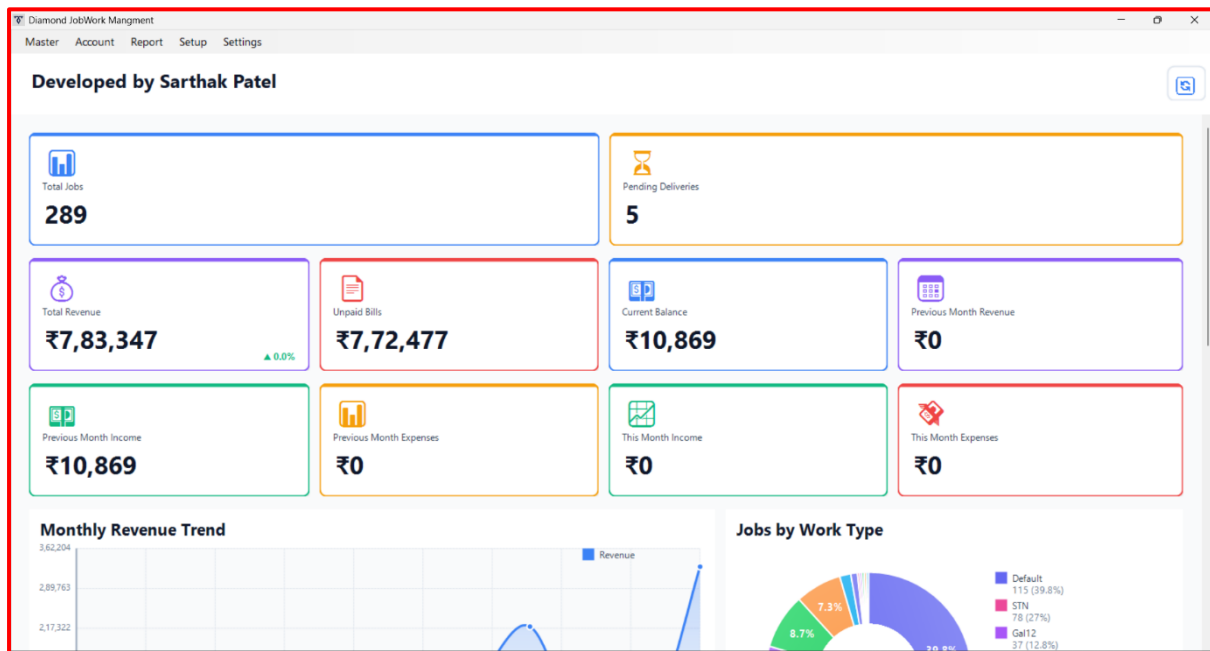
## Software Licensing and Activation System

- This application includes a secure license key activation system that allows software providers to distribute and sell the application to individual clients. Each installation requires a valid activation key, ensuring authorized and controlled software usage.

(Software activation system)



## (Dashboard with revenue, jobs, analytics)



## Dashboard Module

Provides real-time overview of:

- Total jobs
- Revenue tracking
- Monthly performance analytics
- Business insights with charts

## (Jobwork entry and employee management)

Total Jobs  
**289**

This Month Jobs  
**0**

Pending Deliveries  
**5**

This Month Completed  
**30**

Jangan No.  
361

Party Name  
▼

Work Name  
▼

Kapan No.  
▼

Weight(Ct)

Date  
08-12-2025

Pic

Rate(Rs.)

Job In

Job Out

Jangan I	Party	Work	Kapan I	Weight	In Date	In Pic	Out Pic	Out Dat	Rate (R)	Total	Return	pending	Created	Update	Actions
261	Sandipb...	STN	NP08		28-09-20...	150	0	28-09-20...	3	0	0	150	28-09-20...	07-01-20...	
231	Jaybhai	GAL9	NV43		16-09-20...	200	149	17-09-20...	9	1341	2	49	16-09-20...	07-01-20...	
230	Jaybhai	STN	D104		16-09-20...	377	344	17-09-20...	3	1032	0	33	16-09-20...	07-01-20...	
205	Mukesh...	Default	22		09-09-20...	36	34	11-09-20...	13	442	0	2	09-09-20...	07-01-20...	
182	sanjayb...	Common	25		30-08-20...	60	11	13-09-20...	11	121	0	49	30-08-20...	07-01-20...	

Jangan No.

Total In Pic  
**823**

Total Out Pic  
**538**

Total Return Pic  
**2**

Total Amount  
**₹2,936.00**

Total Jobs  
**65**

Total Weight  
**16683**

Avg. Rate  
**2**

Pending Jobs  
**8**

Employee Name  
▼

Work  
▼

Date  
08-01-2026

Pic

Employee Name	Work Type	Pic Count	Salary Date	Rate (Rs.)	Total Amount (Rs.)	Created At	Updated At	Actions
Bhargav desai	STN	327	07-12-2025	2.00	654.00	05-01-2026	06-01-2026	
kamal STN	STN	400	07-12-2025		800.00	05-01-2026		
Akshai	GEL	221	07-12-2025		663.00	05-01-2026		
Akshai	Doping	221	07-12-2025		442.00	05-01-2026		
Pranav OP	GEL	411	07-12-2025		1,233.00	05-01-2026		
Abhisek misra	Doping	331	07-12-2025		662.00	05-01-2026		
kamal STN	STN	451	06-12-2025		902.00	05-01-2026		

Total Pic  
**16683**

Total Amount  
**36,363.00**

## Job Management Module

Allows users to:

- Add and manage job entries
- Track job progress
- Store business records
- Manage workflow efficiently

## (Invoice Creation, Salary,Bill reports & summary)

Diamond JobWork Mangment

Master Account Report Setup Settings

Preview Save Delete Print Refresh

Bill ID: Party Name: Sarbhak Patel Work: GAL From Date: February 2026 Bill Calculate on: Ct Pic

**Tech Ocean**  
12.sarvody.soc  
GST: 0000000000000000 PAN: 0000000000

123456789 / 123456789

**INVOICE**

Bill To: Tech Ocean (Sarbhak Patel)  
Surat  
GST: - PAN: -

Bill ID: 1  
Date: 16-02-2026

Jange n no	Kapan no	Work	Weight	In Date	In Pic	Out Date	Out Pic	Rate (Pic)	Total
1	12	GAL	10	16-02-2026	200	16-02-2026	200	10	2000
2	13	GAL	20	16-02-2026	322	16-02-2026	322	10	3220

Total Weight: 30 Ct  
Total In Pic: 522

Total Weight: 30 Ct  
Total In Pic: 522  
Total Out Pic: 522  
Return Pic: 0  
Total: ₹ 5220.00

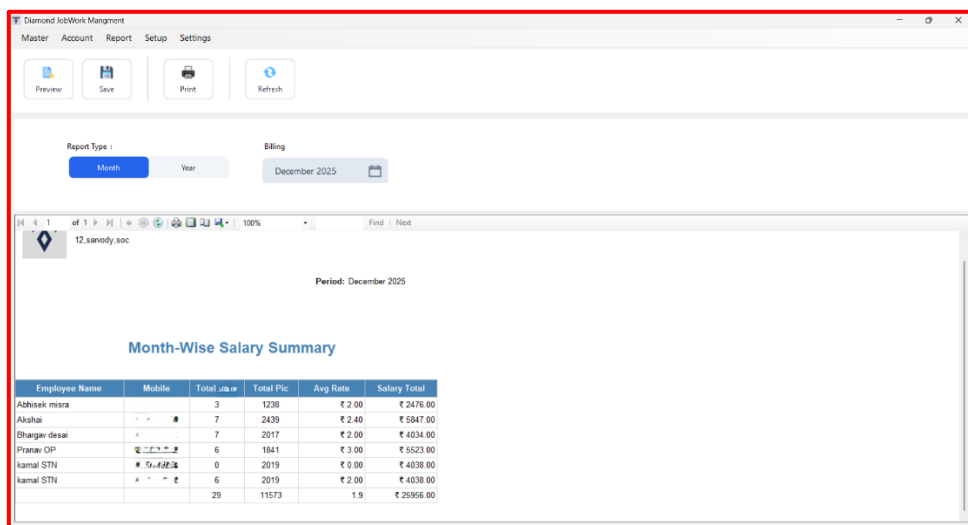
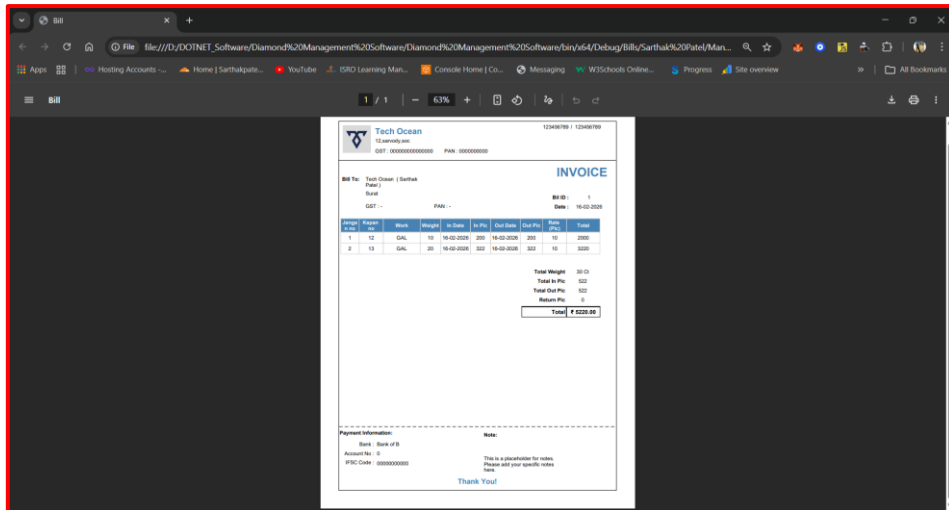
Payment Information: Bank: Bank of B  
Account No: 0  
IFSC Code: 0000000000

Note: This is a placeholder for notes. Please add your specific notes here.

Thank You!

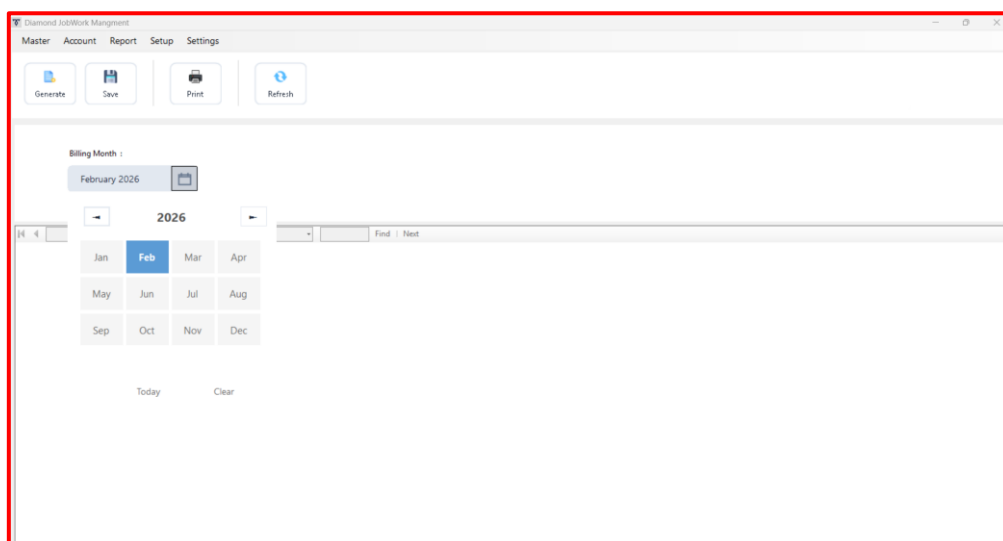
### Key features:

- Automatic invoice generation for all parties with one click
- Generate invoices by selecting specific month or date range
- Bulk invoice creation for multiple parties instantly
- Auto calculation of totals, charges, and balances
- Export invoices to PDF for sharing and printing
- Monthly billing summary and financial reports
- Salary reports and employee payment tracking
- Business performance and revenue analysis



## Auto Invoice Generation System

Generate invoices automatically for all parties with one click or by selecting a specific month. The system calculates totals and creates ready-to-print invoices instantly.



## (Settings and configuration panel)

The screenshot shows the 'General' settings panel of the 'Diamond JobWork Mangment' software. The interface includes a top menu bar with 'Master', 'Account', 'Report', 'Setup', and 'Settings'. The 'Settings' menu is open, showing 'General', 'Path Setting', and 'Print Setting'. The main area contains a logo and several input fields for company and contact information: Company Name (Tech Ocean), Owner (sarthak), Mobile No. 1 (123456789), Mobile No. 2 (123456789), Address (12,sarvody,soc), GST No., PAN No., Bank Name, IFSC Code, Account No., and UPI ID. Below these are three sections: 'Work Configuration' with 'Default Work' (Galaxy) and 'Common Work' (Galaxy); 'Bill Setting' with 'Display GST' (off) and 'Display UPI QR' (on); and 'Configuration' with 'Auto Bill' (on) and 'Auto Salary' (on). At the bottom right are 'Save', 'Reset', and 'Cancel' buttons.

The screenshot shows the 'Path Setting' panel of the 'Diamond JobWork Mangment' software. The interface includes a top menu bar with 'Master', 'Account', 'Report', 'Setup', and 'Settings'. The 'Settings' menu is open, showing 'General', 'Path Setting', and 'Print Setting'. The main area is titled 'Folder Paths' and contains six input fields for file paths: App Path, Asset Path, Backup Path, Report Path, Bill Path, and Salary Path. All paths are set to 'D:\DOTNET\_Software\Diamond Management Software\Di'. At the bottom right are 'Save', 'Reset', and 'Cancel' buttons.

### Company and Business Settings:

- Company profile setup (name, address, GST, contact details)
- Business configuration and system preferences
- Custom business rules and workflow setup

### Software Configuration and Security:

- System path and storage configuration
- User access and system control settings
- Secure and reliable software environment

Party and Customer Management:

- Add, edit, and manage party or customer details
- Store contact information and business records
- Maintain complete party transaction history
- Support for multiple parties and business accounts

Diamond JobWork Mangment

MasterAccountReportSetupSettings

New PartyEditDeletePrintImportExportSearchRefresh

Total Parties1Active Parties1Inactive Parties0Avg Pic Rate₹10.00

Party CodeParty NameBilling NameRate (/Pic)Rate (/Ct)(WeightRate)Mobile No.AddressGST No.PAN No.

Auto Bill Calculate OnCtPic

Code	Party Nam	Address	Rate (Pic)	Rate (Wei	Mobile	Billing Na	GST No.	PAN No.	Status	Bill Cal On	Created	Updated	Actions
p1	Sarthak Pa...	Surat	10.00	100.00	9374626600	Tech Ocean	-	-	Active	Pic	16-02-2026		

Diamond JobWork Mangment

MasterAccountReportSetupSettings

SaveEditDeletePrintImportExportSearchRefresh

Total Accounts1Total Balance₹10,869.00Positive Balance Count1Negative Balance Count0

Account IDAccount NameCurrent Balance

2

ID	Account Name	Current Balance	Updated	Actions
1	Cash	10,869.00	07-01-2026 14:55	

Work and Job Setup:

- Configure work types and job categories
- Define business processes and job workflows
- Customize job parameters based on business needs

Master

Account

Report

Setup

Settings

New Work

Edit

Delete

Print

Import

Export

Search

Refresh

Total Works2

Party Works1

Employee Works0

Avg Pic Rate₹5.00

Work Name

Work Category

Rate (/Pic)

Rate (/Ct)(WeightRate)

Category	Work Type	Rate (Pic)	Rate (Ct)	Created	Updated	Actions
All	All	0.00		05-11-2025		
Party	GAL	10.00	100.00	16-02-2026		

Employee Management:

- Add and manage employee profiles
- Assign work roles and responsibilities
- Track employee work records and salary data
- Manage employee performance and reporting

Master

Account

Report

Setup

Settings

New Emp

Edit

Delete

Print

Import

Export

Search

Refresh

Total Employees1

With Bank Details1

With Aadhar1

With PAN1

Employee Code

Employee Name

Mobile No.

Address

Aadhaar Card

Bank Account Name

Account Number

IFSC Code

Bank Name

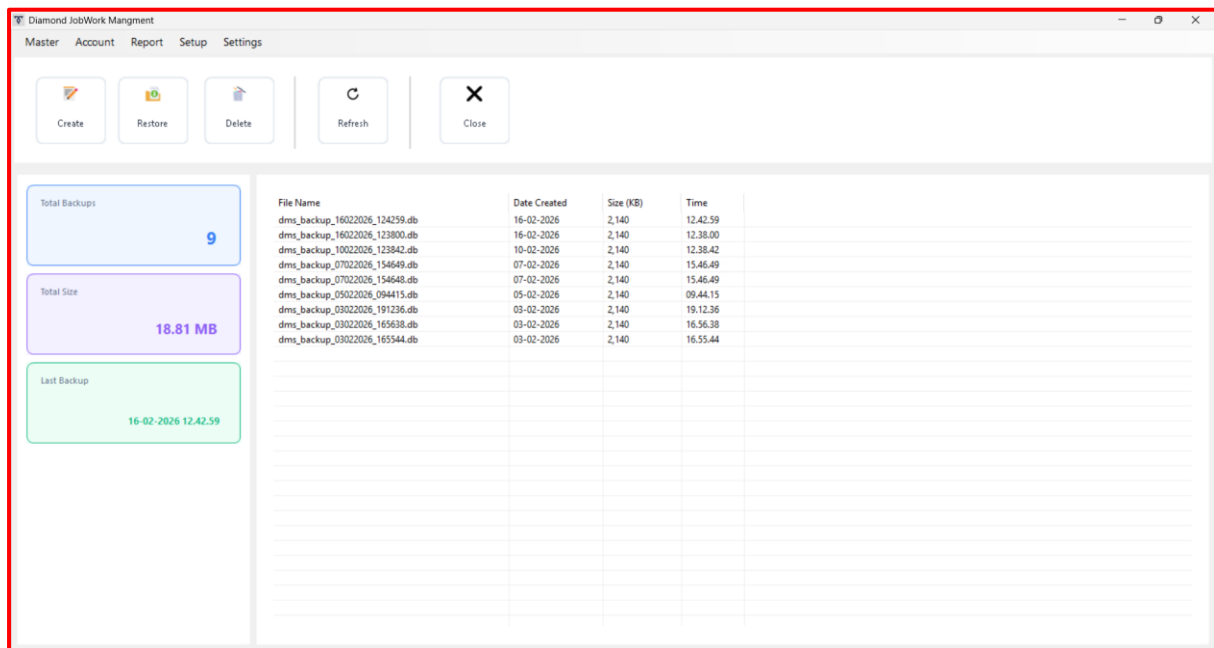
PAN Card

Code	Employee I	Mobile	Address	Account No	Account No	IFSC Code	Bank Name	Created	Updated	Aadhar	PAN	Actions
e1	Sarthak	9374626600	surat	sarthak patel	0	SDFC0000000	bob	16-02-2026				



## Database Backup and Restore System:

- Secure database backup functionality
- Restore database from backup files
- Protect business data from loss or corruption
- Support for manual and automated backup



## System Architecture and Licensing Model

This application is designed as a licensed desktop software solution intended for commercial distribution. It includes a secure software activation system to control access and ensure authorized usage.

Key architecture features:

- Secure software activation using unique license keys
- Single user licensed system for individual business installations
- Local database architecture for fast and reliable performance
- Modular system design for easy updates and maintenance
- Secure data storage and reliable system operation
- Production ready architecture suitable for software distribution

This architecture enables startups and companies to sell the software securely to multiple clients using license-based activation.

---

## **Project Summary**

Diamond Jobwork Management System is a licensed enterprise desktop ERP solution developed for commercial distribution and business automation.

This software is designed to be sold as a licensed product, allowing individual businesses to activate and use the system securely using a software activation key.

The system includes:

- Party and customer management
- Employee management and salary tracking
- Jobwork entry and workflow management
- Automatic invoice generation and billing system
- Reporting and business analytics
- Database backup and restore functionality
- Software activation and license control

This solution helps businesses automate operations while enabling software providers to distribute and license the system securely.

---

## **Technologies Used**

- C Sharp (C#)
- .NET Framework
- Windows Forms
- SQLite and SQL Server Database Support
- Software Licensing and Activation Architecture

---

## **Key Features**

- Secure software activation using license keys
  - Licensed desktop software architecture
  - Party and employee management system
  - Jobwork tracking and workflow automation
  - Automatic invoice generation system
  - Monthly billing and reporting system
  - Database backup and restore functionality
  - Production ready software distribution system
-

## Why Choose This System

- Designed for software licensing and commercial distribution
  - Secure license key activation system
  - Reduces manual work and improves efficiency
  - Reliable and production ready architecture
  - Suitable for startups and software providers
  - Professional enterprise desktop solution
- 

## Developed By

### Sarthak Patel

C# | .Net Desktop Application Developer | Shopify Developer  
ERP and Licensed Software Development Specialist

### Specializing in:

- Software Architecture design
- ERP System Development
- Software Activation and Licensing Systems
- Business Automation Software

Experience in building commercial software products ready for distribution.

Available for robust software architecture design and development of scalable, production-ready desktop applications and licensed commercial software products.

Please contact through

## Contact Information:

Email: [work.sarthakpatel@gmail.com](mailto:work.sarthakpatel@gmail.com) / [sarthakpatel1315@gmail.com](mailto:sarthakpatel1315@gmail.com)

Phone: +91 93746 26600

GitHub: [github.com/Sarthak1315](https://github.com/Sarthak1315)

Portfolio: [sarthak1315.github.io](https://sarthak1315.github.io)

LinkedIn: [linkedin.com/in/sarthak-patel-sp1315](https://linkedin.com/in/sarthak-patel-sp1315)