

# Pratham Patel

## A Software Engineer

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## EDUCATION

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### CVM University

*Bachelors of Engineering in Computer Engineering, 9.15 CGPA*

VV Nagar, Gujarat, India

2021 – 2025

## WORK EXPERIENCE

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### Software Engineer Intern

*System Level Solutions India Pvt. Ltd.*

Jan 2025 – June 2025

*Anand, Gujarat*

- Developed context-aware user interface, dynamic and reusable components using Angular, enhancing user experience with responsive design and integration with the .NET Core REST API.
- Designed database schema and flow logic for registering devices and suppliers in Adapter HES workflows.
- Implemented a pluggable Rasa-based conversational AI integrated into Angular web portals for intent handling and complaint logging.

## PROJECTS

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### PMS (Project-Based Task Management System) - [LINK](#)

**Tech Stack:** Angular, ASP.NET Core, Redis, MQTT, Postgres

- Engineered a multi-tenant project & task management platform with scoped data isolation and granular RBAC for SuperUser, Admin, Manager, and Employee roles.
- Designed a modular backend with Domain-Driven structure, enabling scalable features like project-level theming, dynamic branding, and audit trails.
- Integrated MQTT-based real-time sync for Kanban workflows, ensuring live updates across users and supporting concurrent task handling across organizations.
- Built a Manager Dashboard with interactive charts showing region-wise task progress across projects, and resource tracking for assigned teams.

### Ski-Mart (E-Commerce Platform) - [LINK](#)

**Tech Stack:** Angular, ASP.NET Core, Redis, SignalR, Stripe, PostgreSQL

- Built a full-stack e-commerce platform with secure login, wishlist, cart, and multi-step Stripe-powered checkout.
- Developed role-secured backend APIs with Redis caching, webhook-driven order processing, and SignalR-based real-time updates.
- Implemented an admin dashboard for inventory control, refund workflows, and order tracking, backed by strict RBAC and transactional consistency.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, C#

**Frameworks/Libraries:** Angular, ASP.NET Core, React, Node.js, Express

**Databases/ORMs:** PostgreSQL, MongoDB, Entity Framework Core

**Tools:** Git, GitHub, Postman, Visual Studio Code

**Concepts:** RESTful APIs, MQTT, Microservices, JWT Authentication