Pratham Patel
A Software Engineer

🌐 prathampatel.vercel.app ✉ prathampatel0221@gmail.com 📞 +919510350530 ⭘ PrathamPatel010

EDUCATION

CVM University   VV Nagar, Gujarat, India
Bachelors of Engineering in Computer Engineering, 9.15 CGPA   *2021 – 2025*

WORK EXPERIENCE

Software Engineer Intern   Jan 2025 – June 2025
System Level Solutions India Pvt. Ltd.   *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

PMS (Project-Based Task Management System) - DEMO VIDEO
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) - DEMO VIDEO
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

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