

# Parth Modi

Technical Lead Engineer

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## CONTACT INFORMATION

parthmodi.com/blog

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Gujarat, India

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## WORK EXPERIENCE

**Technical Lead, Crest Data Systems** - *Apr/2023 - Current* - Ahmedabad, Gujarat

**Senior Software Engineer, Crest Data Systems** - *Oct/2021 - Apr/2023* - Ahmedabad, Gujarat

- Helped customers expand their product in multiple regions by contributing towards architecture and designing scalable solutions
- Built integrations which aggregates and enriches data from various threat intelligence platforms, ingests enrichments with test coverage above 90%
- Upgraded two client applications written in ruby on rails 3.2 (with ruby 1.9.3, Ubuntu 12.04, redis 5, elasticsearch 1.5) to ruby on rails 7 (with ruby 3.2.2, Ubuntu 22.04, redis 7, opensearch 2.5)
- Designed training tracks for various technologies (Python, Ruby, Rails, Cypress), and mentored teams working in various projects

**Senior Software Engineer, Shipmnts** - *Feb/2019 - Oct/2021* - Ahmedabad, Gujarat

- Shipmnts as a company is working to provide solutions and better experience for the global shipping industry.
- Designed solutions for critical modules which helped freight forwarders to digitize their workflows, documentation and accounting for air and ocean cargo movements.

**Software Engineer, Solute Technolabs** - *June/2016 - Feb/2019* - Ahmedabad, Gujarat

- Re-architected and developed backend for marketing platform **Reelo** that helps food businesses connect and engage with their customers, and generate targeted campaigns based on customer profiles.
  - Designed well tested, well documented, scalable APIs for Reelo using Ruby on Rails that can be used across platforms having average response time less than 300 ms.
  - Deployment infrastructure and Monitoring setup on AWS using various tools and services such as EC2, RDS Postgres, ElastiCache Redis, Elasticsearch. LogDNA for logging and monitoring App response time.

- Developed transportation tracking solution which helps shippers and transporters connect with each other with live vehicle tracking with AWS IoT, paperless document verification, document storage and simplified bidding process that brings businesses together.
  - Cost-Effective infrastructure setup with AWS IoT, DynamoDB, SQS, ElastiCache, RDS Postgres.
  - TDD based approach with test coverage of more than 75%.
- Worked on a Healthcare related application which provides an easy way to get treatments and consultations quickly.
  - Increased user engagement with different kinds of subscriptions using Stripe.
- Participated in and collaborated with the team for setting up backend development processes, tools and enhancing code quality.

## EDUCATION AND CERTIFICATES

### **AWS Certified Solutions Architect - Associate (2018 to 2021)**

2016 **B.E. in Computer Engineering**, Vishwakarma Government Engineering College (GTU), Gujarat.

## TECHNICAL SKILLS

- Backend and Databases: Ruby, Rails, Python, PostgreSQL, MySQL, DynamoDB, RSpec.
- Frontend: HTML, CSS, JavaScript, ReactJS.
- Containerization with Docker and Container Orchestration tools such as ECS, Docker Compose.

## RECOMMENDATIONS

"I can certainly recommend Parth Modi. He has strong technical and interpersonal skills while at Solute TechnoLabs LLP. He has great ability to understand project flow, he copes up gracefully with difficult engineering and delivery situations. He would be an asset to anyone's team." - Jiten Jani, Software Engineer at Solutelabs

"Parth is a thoughtful person with strong analytical and problem solving skills. Working with him at SoluteLabs has been a pleasure. His ability to understand requirements and design efficient and robust solutions even under pressure makes him a valuable asset in the team. He's a great back-end developer who believes in quality work like I do." - Sachin Jani, Javascript Engineer at Solutelabs

## LANGUAGES

English - Fluent.

Hindi - Fluent.

Gujarati - Native.