


# Vishal Parekh

// SOFTWARE ENGINEER

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 Dallas, Texas

 [vishalparekh.me](http://vishalparekh.me)

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 [github.com/vishal-parekh](https://github.com/vishal-parekh)

## EDUCATION

### MS in Computer Science

Texas A&M University - Commerce  
Commerce, Texas  
2020

### BA in English

Southern Methodist University  
Dallas, Texas  
2017

## CERTIFICATIONS

### AWS Certified Cloud Practitioner

February 2024

## PROGRAMMING LANGUAGES

Python (FastAPI/Flask/Django)

JavaScript & TypeScript  
(React/Next.js)

SQL, NoSQL, & Redis

## SKILLS & TOOLS

AWS & Microsoft Azure

Git (GitHub & GitLab)

Unit Testing & Technical  
Documentation

Agile (Scrum), SDLC, & CI/CD

## EXPERIENCE

### Software Engineer

State Farm

*Jan. 2024 – Present*

Dallas, Texas

- Build REST APIs for a document catalog manager with TypeScript and NodeJS.
- Design and develop UI components for business-facing applications using React.
- Deploy and service enterprise applications to AWS using Terraform and GitLab.

### Software Engineer

Rocket Dollar (acquired by WAO Fintech)

*Nov. 2021 – Sept. 2023*

Austin, Texas

- Built and optimized REST APIs for Stripe-integrated payment processing system using Python, FastAPI, and PostgreSQL which resulted in a 30% reduction in transaction errors and a 20% decrease in API response times.
- Designed and developed UI components using Typescript, React, & Next.js.
- Wrote unit tests using pytest and jest and automated them in the CI build step.
- Built CI/CD pipelines using GitHub actions and AWS and implemented caching for dependencies which resulted in a 25% reduction in deployment time.
- Created background & scheduled jobs to update Slack channel with sales metrics.
- Wrote and reviewed engineering requirements documents for product features.
- Provided technical support for production issues and pushed hotfixes as needed to maintain company average of 99.95% uptime.

### Independent Consultant

Forwardtech Solutions

*July 2021 – October 2021*

Dallas, Texas

- Built a buy-side lead generation website for real estate investor. Tech stack consists of Typescript, React, Node, & Next.js: [landmarkpropertydallas.com](http://landmarkpropertydallas.com)
- Planned and executed strategic digital marketing initiatives to generate traffic using social media awareness and search engine optimization (SEO).

### Consultant - Software Development

KPMG LLP

*March 2021 – June 2021*

Dallas, Texas

- Built RPA solutions by automating repetitive tasks in web applications.
- Developed backend automation workflow for a payment reconciliation application.
- Analyzed clients' business process flows to gather system requirements.

### Software Systems Engineer

Platform Developer & DevOps Intern

*Dec. 2019 – Feb. 2021*

*May 2019 – Dec. 2019*

Mr. Cooper (Formerly Nationstar Mortgage)

Dallas, Texas

- Built B2B REST APIs to transform data for loan origination & refinancing process.
- Lead development of API that helped automate manager approval process which resulted in a 50% reduction in approval times.
- Developed event-driven Python Azure Functions to produce Kafka messages.
- Wrote and configured infrastructure as code for Azure services with Terraform.
- Examined query patterns and optimized MongoDB performance using indexing.
- Presented company-wide tech talks on API development in Microsoft Azure.
- Developed APIs to initiate application requests for home loan credit reports.
- Performed systems analysis and data mapping for new vendor onboarding.
- Created Docker images with build instructions for Python app hosted on Azure.