

# Vishal Parekh

// SOFTWARE ENGINEER



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Dallas, Texas



[vishalparekh.me](https://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 using TypeScript and NodeJS.
- Design and develop UI components for internal applications with React.
- Deploy and service enterprise applications to AWS using Terraform and GitLab.

### Software Engineer

Rocket Dollar

*Nov. 2021 – Sept. 2023*

Austin, Texas

Fintech start-up for an investment platform that allowed retirement savings to be used as alternative assets.

- Built REST APIs for Stripe-integrated payment processing system using Python, FastAPI & Flask web frameworks, & PostgreSQL (SQLAlchemy).
- 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 in GitHub actions and deployed backend to AWS.
- 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.

### Independent Consultant

Forwardtech Solutions

*July 2021 – Present*

Dallas, Texas

- Built a buy-side lead generation website for real estate investor. Tech stack consists of Typescript, React, Node, & Next.js: [landmarkpropertydallas.com](https://landmarkpropertydallas.com)
- Built a Shopify e-commerce site that sells products featured and trending on social media platforms: [viralbuyshop.com](https://viralbuyshop.com)

### 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*

Dallas, Texas

Mr. Cooper (Formerly Nationstar Mortgage)

- 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.