

# Vishal Parekh

// SOFTWARE ENGINEER



vishalcparekh@outlook.com



972.322.9587



Dallas, Texas



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



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



[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

## PROGRAMMING LANGUAGES

Python (FastAPI/Flask/Django)

JavaScript & TypeScript  
(React/Next.js)

SQL, NoSQL, & Redis

## SKILLS & TOOLS

AWS & Microsoft Azure

Datadog & Rollbar

GitHub (Version Control &  
Actions for CI/CD)

Low code/No code dev tools

Agile (Scrum), SDLC, & CI/CD

Unit & Integration Testing

Technical documentation

## SUMMARY

Software engineer with ~3 years of full-stack experience building cloud-based SaaS applications with an emphasis on backend development using Python and building modern, customer-facing UIs with React and Next.js.

## EXPERIENCE

### SOFTWARE ENGINEER

Rocket Dollar

*Nov. 2021 - Present*

Austin, Texas

Fintech start-up that provides an investment platform for people who want to use their retirement savings for alternative assets like startups, crypto, and real estate.

- Build REST APIs for Stripe-integrated payment processing system using Python, FastAPI & Flask web frameworks, & PostgreSQL (SQLAlchemy).
- Design and develop UI components and pages using Typescript, React, & Next.js.
- Write unit tests using pytest and jest and automate them in the CI build step.
- Build CI/CD pipelines in GitHub actions and deploy backend to AWS.
- Create scheduled and background jobs to update Slack channel with account sales.
- Write and review engineering requirements documents for new product features.
- Provide technical support for production issues and push hotfixes as needed.

### FREELANCE - WEB DEVELOPMENT

*July 2021 - October 2021*

- Built a buy-side lead generation website for regional real estate investor. Tech stack consists of Typescript, React, Node, & Next.js: [landmarkpropertydallas.com](https://landmarkpropertydallas.com)

### ASSOCIATE DEVELOPER

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

Mr. Cooper (Formerly Nationstar Mortgage)

*Dec. 2019 - Feb. 2021*

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.

### PLATFORM DEVELOPER AND DEVOPS INTERN

Mr. Cooper (Formerly Nationstar Mortgage)

*May 2019 - Dec. 2019*

Dallas, Texas

- Developed APIs to initiate application requests for home loan credit reports.
- Performed systems analysis and data mapping for new vendor onboarding.
- Wrote documents for API integrations using specification driven development.