

Vishal Parekh

// SOFTWARE ENGINEER



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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/NextJS)

SQL, NoSQL, & Redis

SKILLS & TOOLS

AWS & Microsoft Azure

Datadog & Rollbar

GitHub

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 NextJS.

EXPERIENCE

SOFTWARE ENGINEER

Rocket Dollar

Nov. 2021 - Present

Austin, Texas

Rocket Dollar is a 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 financial services payment system integrated with Stripe using Python, FastAPI & Flask web frameworks, & Postgres/SQLAlchemy.
- Design and develop UI components and pages using Typescript, React, & NextJS.
- 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 & NextJS: 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.