Vishal Parekh

// SOFTWARE ENGINEER

vishalcparekh@outlook.com

972.322.9587

Dallas, Texas

vishalparekh.me

linkedin.com/in/vishal--parekh

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   *Jan. 2024 – Present*
State Farm   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   *Nov. 2021 – Sept. 2023*
Rocket Dollar   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 automate them in the CI build step.
- Built CI/CD pipelines in GitHub actions and deploy 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 push hotfixes as needed.

Independent Consultant   *July 2021 – Present*
Forwardtech Solutions   Dallas, Texas

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

Consultant - Software Development   *March 2021 – June 2021*
KPMG LLP   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   *Dec. 2019 – Feb. 2021*
Platform Developer & DevOps Intern   *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.