

VIVEK VATS

Senior Software Engineer

OVERVIEW

Professional with 5 years of experience building web, cross-platform mobile, and blockchain applications. Have contributed to all aspects of software products - design, development, testing, deployment, maintenance - in both enterprise & consumer domains.

EXPERIENCE

| SOFTWARE ENGINEER

Component.Fi || TX, United States / Remote

Sep 2022 - Apr 2023 (7 months)

- Led the frontend development of 'Blueprint' - a simulation platform for user-coded DeFi trading strategies.
- Planned, developed, and deployed a custom IDE that gives users a full-fledged Python environment in their web browsers.
- Integrated REST/gRPC micro-services and Ethereum Smart Contracts to simulate trading strategy results.
- Visualized strategy result simulations using frontend charting libraries (Charts/D3).

| SOFTWARE ENGINEER

Tripadvisor || MA, United States / Remote

Feb 2021 - Sep 2022 (1 year 7 months)

- Collaborated with UX Designers and Product Managers to ship features on the Vacation Rental vertical.

CONTACT

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EDUCATION

University of London

Bachelor of Science

Computer Science

(Honors)

SKILLS

Frontend Development

Mobile Development

Backend Development

EVM Smart Contracts

Testing & Debugging

Version Control

Agile Methodologies

Code Documentation

LANGUAGES

JavaScript

TypeScript

Python

Solidity

| **Software Engineer @Tripadvisor** (continued...)

- Worked with 'Lithium', Tripadvisor's in-house SSR framework built on React with GraphQL as the querying language.
- Led bug hunting and resilience testing sessions on children platforms of Tripadvisor such as Holiday Lettings and Flipkey.
- Prepared reports and participated in monthly product strategy & review meetings.
- Mentored juniors for performance and productivity.

| **FRONTEND ENGINEER**

Yogami.Fit || GA, India / Remote

Aug 2019 - Jan 2021 (1 year 6 months)

- Architected, developed, and deployed several iterations of the cross platform mobile app using React Native.
- Built multiple features on the React web frontend. Also planned and executed its migration to Next.js & TypeScript.
- Integrated & streamlined user analytics to monitor product usage and user journey.
- Oversaw web & mobile deployment pipelines, shipped bugfixes, and refactored codebases.

| **SOFTWARE ENGINEER**

Whatfix || CA, United States

Mar 2018 - Jul 2019 (1 year 4 months)

- Designed and deployed a PWA as proof of concept to supplant an existing product.
- Reviewed the web frontend for accessibility & UX concerns and spearheaded changes.
- Wrote unit and integration tests for porting the Flask backend from Python 2 to 3.
- Delivered multiple features across the stack.

TECHNOLOGIES

React | React Native
Next.js | GraphQL
Redux | Material UI
Tailwind CSS | Three.js
Node.js | Express.js
MongoDB | PostgreSQL
Storybook | Cypress
Jest | Jenkins | AWS
Web3.js | Hardhat
Ethers.js

PORTFOLIO

vivekvats.in/#projects
(live URL & source code)

REFERENCES

available upon request