

# 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 - Oct 2023

- 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

Feb 2021 - Sep 2022

- 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

- 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

- 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](https://vivekvats.in/#projects)  
(live URL & source code)

## **REFERENCES**

available upon request