

Vatsal Kandoi

Software Developer Associate, JPMorgan Chase



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Mumbai, India



01 October, 1998



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github.com/vatsal-kandoi

SKILLS

Kubernetes

Python

React

HTML

CSS

JavaScript

TypeScript

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Limited Working Proficiency

INTERESTS

Watching, and playing football

Listening to music

Playing video games

WORK EXPERIENCE

Software Engineer Associate

JPMorgan Chase

01/2023 - Present

Mumbai, India

Achievements/Tasks

- Led the refactoring for the framework responsible for running ad-hoc and scheduled tests on risk models using various **software design principles**, allowing the code-base to be more **modular and testable**
- Worked on enabling users to use migrate to **AWS Aurora** from on-premises post-gres to store calculated risk numbers using **Kubernetes Jobs**
- Selected to take part in **Markets Excellence Programme**, a yearly initiative selecting around **60 people across CIB Markets Tech India** and providing them an opportunity to ideate and deliver a solution around friction points faced by teams in Markets. Worked on automated generation of acceptance tests for **Cucumber**

Software Engineer Analyst

JPMorgan Chase

07/2021 - 01/2023

Achievements/Tasks

- Collaborated closely with Quantitative Research teams to elicit, analyze, and document requirements, and developed features aimed at reducing the data-set utilized for ad-hoc tests on risk model changes, there-by reducing the **time taken**, and associated **compute** and **storage costs**
- Streamlined the migration of users onto Athena, with a focus on Equities LOB, by developing **reusable** components, aimed at **standardizing** the distribution of risk calculated on Athena to various downstream systems.
- Aside from BAU, took part in **Force for Good**, a platform to contribute to NGOs with technology solutions. Contributed to **Civis**, a platform aiming to help citizens understand and provide feedback on various government proposals by improving the sites' accessibility

Software Engineer Intern

JPMorgan Chase

01/2021 - 06/2021

Remote

Achievements/Tasks

- Developed various comparison mechanisms aimed at allowing users to compare the numerical & performance impact of risk model changes against batches executed in production
- Developed a user interface using **React** for a framework enabling Quantitative Research teams to run ad-hoc tests on risk model changes, and visualize & debug breaks

EDUCATION

B. Tech, Electronics and Communication Engineering

Vellore Institute of Technology

07/2017 - 07/2021

Vellore, India

Highlights

- CGPA: 8.69 of 10
- Extra-curriculars: Co-founded **VIT Linux Users Group**, part of **ACM VIT Student Chapter**, and a member of **Team UAV**, an student body building autonomous aerial vehicles