

Saurabh Kukade

Software Engineer III

📍 Pune
📞 +91-9561506712
✉ saurabhkukade@gmail.com
🌐 saurabhkukade.com
🐙 github.com/saurabhkukade

Work Experience

Software Engineer 3

January 2022 - Present

Vedantu

- **Lead Distributor**

Designed and developed a rule engine based platform to process and assign leads to sales agents of Vedantu, where marketing team, analytics team can run various campaigns without any code change. Platform also enable analytics team to run insights on a data without any manual errors.

Tech Stack: Java Spring Boot, Apache Kafka, Redis, Elasticsearch, Kubernetes, AWS.

- **Generic Job Scheduler**

Implemented a generic company-wide microservice in Node.js to schedule jobs such as webhooks to trigger on scheduled time, to produce a Kafka message with payload at scheduled time.

Tech Stack: Node.js, Apache Kafka, Redis, Elasticsearch, Kubernetes, AWS.

Senior Software Engineer

October 2019 - January 2022

Nitor Infotech

- **Voice Call Analytics Platform**

Developed a platform to extract and text from a call recording and run various Machine Learning models on the text transcript by building a pipeline with Java and Python-based microservices hosting ML models with Azure Functions communicating over Azure Event Hubs, Azure Storage Queues.

Tech Stack: Java, Python, Azure Functions, Azure Event Hubs, Azure Queues, Cosmos DB

- **FintechOS Platform**

Worked with a FintechOS organization to build a platform which can cater tailor made solutions for various retail banks, financial services and insurance companies in Europe.

Tech Stack: JavaScript, MySQL, Microsoft Azure, Python, PowerShell

- **Integrated Reservoir Analytics Application - Nutech Energy**

Designed and developed web-based platform so that user can have quick access to thousands of oil & gas wells and geographical world map.

Tech Stack: Node.js, Fastify, Sequelize, PostgreSQL, LeafletJS, D3JS, PostGIS, AWS

Software Developer

July 2017 - October 2019

Nomura

- **Trade Booking and Capture Application**

Worked as back-end server-side developer on in-house product 'Trade Booking and Capture Software'. This software is used by investment bank's trader, salespersons, broker for booking and capturing trades and maintain OTC derivatives trade life cycle

Tech Stack: Java 8, Spring framework, Apache Camel, Gem-fire Cache., Maven

- **Backend of Automation Testing Platform using .Net Framework**

Developed an in-house automation testing platform for front-end application testing of Windows-based applications using .Net framework and reflection libraries of C#.

Tech Stack: Net Framework, C#

- **Trades Simulator:**

Developed inbound and outbound trade simulator which simulates MAML/XML Message and Financial Information Exchange (FIX) Message coming from MarkitWire and Bloomberg VCON trading platform for automation testing.

Reduced huge cost previously paid for APIs provided by MarkitWire and Bloomberg platforms for testing inbound and outbound trades.

Tech Stack: Java 8, Spring framework, Apache Camel, Maven

Software Developer Intern

June 2016 - Dec 2016

Nomura

Personal Projects

- **Language Interpreter:**

Designed and Implemented language interpreter which interprets the lambda expressions and literals.

I have done this as series of assignments for my academic elective named EOPL (Essentials of Programming Languages).

Tech Stack: Scheme (LISP)

Link: https://github.com/saurabhkukade/Toy_Language_Interpreter

- **Virtual File System:**

Designed and implemented virtual file system on Linux in C language to understand the design and working of general file system.

Tech Stack: C, Make, GCC

Education

Master Of Computer Applications (M.C.A)

2014 - 2017

Department of Computer Science, University of Pune (PUCSD)

Links

Website	https://saurabhkukade.com
GitHub	https://github.com/saurabhkukade
Stack-overflow	https://stackoverflow.com/users/5105791/saurabh-kukade
Medium	https://saurabhkukade.medium.com/
LinkedIn	https://www.linkedin.com/in/saurabhkukade/

About Me

I see myself as a language and platform-agnostic developer. I like to work on solving complex real-time problems. I keep myself busy in reading technical essays and writing blogs about technical stuff, which I feel worthy of sharing my findings and knowledge on my personal website. I am a functional programming enthusiast having keen interest in pure functional programming language Haskell. I do enjoy working with technically enthusiastic people.