

Jibin Kaitharath Baby

Software Engineer / Machine Learning Engineer

Software Engineer building production-grade systems for the past 3 years. Pursuing Masters in Machine Learning and AI to build systems based on the AI Technology stack.

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WORK EXPERIENCE

Software Engineer Oracle India

11/2021 - Present Bengaluru

Provides solutions in the area of Database, Cloud and Middleware

Achievements/Tasks

- Contributing to the development of ERP(Enterprise Resource Management) Software Peoplesoft, in the area of Plugin Development using Oracle Enterprise Manager
- Built Machine Learning model to predict memory leaks and associating them with test cases so that amount of time in Server Stability Testing is reduced

Senior Software Engineer IBS Software

06/2018 - 10/2021 Trivandrum, Kerala

Leading SAAS Solutions provider in the Travel Domain. iCargo being the flagship cargo management product for the Airline Domain

Achievements/Tasks

- Implemented an Enhanced Business Layer to facilitate interaction between the two independent applications iCargo Neo (**Java 11 using the microservices Architecture**)and iCargo(Monolith Architecture) via **Kafka and JAX-RS**
- Developed the new module in the Cargo Application using **Spring Boot and Postgres DB** and Implemented **JUnit and Contract Testing** to validate business functionality
- Developed Rest based APIs** for fulfilling different Business Requirements
- Mentored and Guided new joiners through the new architecture and provided them with support to achieve their potential
- Provided offShore Support for American Airlines implementation of iCargo product(Spring MVC)

EDUCATION

Master of Science in Machine Learning & AI

IIIT Bangalore and Liverpool John Moores University

10/2021 - Present

Courses

- Execute PG Programme in Machine Learning and AI - IIIT Bangalore

B.Tech in Computer Science

Viswajyothi College of Engineering and Technology

2014 - 2018

Muvattupuzha, Kerala

SKILLS

Java

Spring Boot

MicroServices

Kafka

Postgres SQL

JavaScript

Python

Numpy

Data Visualization Seaborn

Pandas

Data Science

SKlearn

Basic Machine Learning

ACHIEVEMENTS

Team Champ Spot Award (02/2021)

For Implementing Interaction of Rule Engine with Quality Module in Cargo Management System and developing framework to detect user-corrected and system-corrected values

Wall of Fame (08/2019)

For providing offshore support to American Airlines during the UAT phase of iCargo implementation and solving critical issues in Settlement area of the iCargo product

MACHINE LEARNING PROJECTS

Lending Club Case Study (11/2021)

- Our objective here is to analyze and understand the driving factors (strong indicators) behind loan defaults
- Important Conclusions as ,increased verification, lowering of interest rates, better annual income and those who have own property have better chances of paying back the loan was observed

Bike Sharing Demand Prediction (01/2022)

- Built a linear regression model to predict Bike Demand for the next financial year
- The driving factors included weather, season and was mostly used by people on workdays mostly for work purposes

TECHNICAL SKILLS

Programming Languages

Java 11, Python 3.5, Javascript(ES6),Postgres SQL, Oracle SQL,PL/SQL,C,C++

Framework / Libraries

Spring Boot, ,Maven, Hibernate, JUnit, Spring Boot Contract Test, Java Persistence API(JPA),Pandas, Seaborn, Numpy, SKlearn

Tools

Spring Tool Suite, Eclipse, Git, Bitbucket, Postman, Clearcase, Visual Studio Code, Jupyter Notebook

Database

Postgres SQL, Oracle SQL, PL/SQL,Procedures