Kalyani Bhatt

LinkedIn Profile

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PROGRAMMING SKILLS

- **Languages**: Java, Golang, SQL, Python
  Technologies: Kafka, Redis, RabbitMQ, Gin, Dropwizard, Microservices
  Database: MySQL, Postgres, MongoDB
  Familiar With: TimescaleDB, Docker, Jenkins, CI/CD, Tableau, Metabase, VueJs, AWS, Nginx

EXPERIENCE

- **Zoomcar India Pvt Ltd**   Bangalore, KA
  Software Engineer   *Oct 2020 - Present*
  - **EMI Payment Option**: Designed and developed APIs in **Java** for EMI as payment option in zoomcar customer app.
  - **Payments Downtime Notification**: Integrated Juspay and Razorpay outage APIs and made modifications to the payment-options API in **Java**,in the Zoomcar customer app to display downtime of payment methods, leading to a substantial decrease in payment failure rate.
  - **Payment Method Integration**: Expanded payment options in the Zoomcar app by integrating International and Indian Payment Gateways in **Java**. Implemented a flexible system, contributing to a 2% boost in customer conversion.. Implemented generic extensible system to support future options.
  - **IoT Device Data Pipelines**: Engineered and developed solution in **Golang** for delivering real-time device events and comprehensive device information by implementing Kafka pipelines and Hypertable, significantly improved data accessibility
  - **Realtime Device Information**: Designed and built APIs and data pipelines in **Golang** to deliver real-time device information during the device fitment process, significantly minimizing manual errors and ensuring precise data accuracy.
  - **Driving Score Feature**: Designed and developed APIs in **Golang** to seamlessly showcase driving scores and information within the Zoomcar customer app. Integrated real-time notifications for harsh events, ensuring timely feedback to users. Integrated communication channels such as WhatsApp, Push Notifications, and SMS for delivering driving scores to users. Implemented essential features including A/B testing, rewarding systems, and score streak functionality to enhance user engagement and optimize the overall user experience
  - **IoT Device Management Platform**: Built end to end system to facilitate the addition of new device resources in the system. Implemented both UI in **VueJs** and backend APIs in **Golang** for this feature.
  - **IoT Products**: Built and implemented automated tools in **Python** to capture data from multiple devices and process them as per the business requirements.Implemented an automated system to streamline firmware upgrades for a large number of devices, reducing manual monitoring during the upgrade process.
  - **Dockerization**: Dockerized IoT service for testing environment.

- **Zoomcar India Pvt Ltd**   Banglore, KA
  Software Engineer Intern   *Aug 2019 - Sept 2020*
  - **Iot Metric Dashboard**: Built a comprehensive dashboard using **SQL** and **Tableau** to monitor device action performance and device health. Published insightful reports on Fuel, Distance, and Device Action success, enabling management to make informed decisions and take proactive actions.
  - **OCR Model for Driving License**: Worked on a POC to validate the efficacy of open source OCR models provided by GCloud and AWS Rekognition. OCR was used to validate the documents uploaded by customer on the zoomcar platform.
  - **Virtual KLE Device**: Developed Virtual KLE device in **Java** to mock all functionalities of real device for conducting load testing of the API gateway, ensuring optimal performance and scalability.

EDUCATION

- **Vellore Institute of Technology**   Vellore, TN
  Master of Computer Applications; GPA: 8.83   *Aug. 2018 – May. 2020*

- **Holkar Science College**   Indore, MP
  Bsc in Computer Science; 70.0%   *Aug. 2015 – May. 2018*

- **Kendriya Vidyalaya**   Nepanagar, MP
  Class XII; 84.8%   *Aug. 2013 – May. 2015*