

Dhananjaya Mulukaledu

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Work Experience

May-2022– **Senior Software Engineer SDE-2, Oro Corp, Chennai.**

Present Fintech startup, with multiple e-commerce products:

- Involved in building the backend micro-services using the following tech-stacks **NodeJS, Postgres, Hasura.**
- **Payment service**
 - Designed a micro-service for managing all the payment related logic and data, like payments(capturing payments from different sources) and payout(transferring money to various accounts).
 - developed a feature for routing customer payments.
 - Integrated **RazorpayX** for creation and payouts.
- **Created workflow for below features**
 - Takeover Fund Transfers.
 - Loan Renewals

Oct-2019– **Application Developer, SDE-I, Rupeek, Bangalore.**

May-2022 India's leading asset-backed fintech platform providing gold loans at doorstep:

- Worked across the backend stack in **NodeJS, SailsJS, python, Postgres, Mongo-DB, Redis.**
- **Renewal**
 - Played key role in building an aggregate service for automating the loan renewal process.
 - Used **Zeebe** as a **BPMN** workflow automation engine to orchestrate multiple micro-services to enabling loan renewal.
 - **RESTful APIs** for multiple services offering synchronous and asynchronous executions, asynchronous operations were handled using **SNS** and **SQS**.
 - Designed, Implemented and Maintained various product features.
 - Designed and Implemented workflow diagrams in **Zeebe**.
- **Notification Service**
 - Collaborated on building a generic service for sending notifications over various channels, viz. **sms, email, push notifications** and tickets for support desk.
 - Used **AWS-SES, Kaleyra, Twilio** as service providers.
 - Notifications were published and queued using **SNS** and **SQS** respectively; separate topics were used for separate channels.
- **LenderDataSync service**
 - Collaborated in building a service which is responsible for consuming the lender MIS files, syncing company's loan data with lender's loan data.
 - Took ownership of the service, refactored existing code bases, ensured that standards and best practices are maintained.
 - Used **Python** for creating **DAGs** in **Airflow**, used **Celery** as **Executor** and **Postgres**.
- **Customer Info service**
 - Collaborated in building a service for storing the mapping of customer and lender phone data.
 - Used **NodeJS** for **Restful APIs** and **Postgres**.

- **Data Builder service**
 - Created new service for mocking external services and inserting test loans. This reduced time from above **30 minutes** to under **1 minute** and improved QA productivity.
 - Used **Python** and **Flask** and **Redis** for caching.
- **Sales Manager App**
 - Played a key role in developing RESTful APIs for the service which was the back-end of a mobile application used by field agents(sales managers).
- **Mentored** junior engineers, helped them in designing solutions, pairing up to work on tasks and code reviews.
- Actively participated in diagnosing and resolving **production incidents**.
- Increased test coverage of services to **80%** by implementing Test Driven Development.

Feb 2019–Sep 2019 **Technical Support Engineer, Rupeek, Bangalore.**

India's leading asset-backed fintech platform providing gold loans at doorstep:

- Played a key role in solving the payment related tickets.
- Developed **Restful APIs** using **NodeJS**, which reduced the turnaround time and errors from manual calculations.

Education

2018 **Bachelor in Engineering in Computer Science, Kammavari Sangham Institute of Technology, Bangalore.**

About me

A programmer with **three years** of experience in designing scalable APIs and managing, building micro-services. I love to work with distributed systems and design, restructure them.

Comfortable with **NodeJS, SailsJS, Python, AWS.**

Familiar with **Java, ReactJS, VueJS, GO**