

Dhananjaya Mulukaledu

India Karnataka BANGALORE

+91 7411856661

✉ dhananjay.m1805@gmail.com

Work Experience

- September 2024 - Present **Lead Software Developer, Stealth Startup, Canada.**
- Built Multiple Products from scratch for **Kompassai**.
- **CRM Service.**
 - Developed high-level and low-level designs and deployed them across ENVs.
 - Product where the customer can track his lead life-cycle.
 - Create tasks, notes, and upload files for a lead.
 - Access global company and contact data or create his custom companies and contacts.
 - The customer can create custom fields for the global company and contacts.
 - **Website Traffic**
 - Created product to capture IP, when there is visit to customer's website.
 - Captured IP, is then enriched and notified to customer(via slack and email).
 - **Dialer Service**
 - Developed high-level and low-level designs and deployed them across ENVs.
 - Created a service phone call service using Plivo tool.
 - Customer can create a phone-queue and dial number in parallel.
 - **Prospect Lists**
 - Created a feature like the User-list, where the customer can store his customer-enriched data in lists.
 - Export it to other CRM's or download the file, import it to phone-queue.
- **Tech stack: Serverless, Node Js, Kafka, Redis, Mongo DB, Django, AWS.**
- Jan-2024– **Freelancing.**
- September 2024 Tons of code, traveling and learning new skills:
- Worked on 3 different freelancing jobs and 1 contract job.
 - Developed a back-ended phone book service.
 - Developed a back-end service(bridge) between users and an AI model.
 - Developed a back-end for multiplayer games.
 - Developed few animations using blender
 - **Tech stack: Django, Node Js, Kafka, Redis, Go Lang, web sockets, Postgres, Python, Blender.**
- May-2022– **Senior Software Engineer SDE-2, Oro Corp, Chennai.**
- September 2023 Fintech startup, with multiple e-commerce products:
- Involved in building the back-end microservices using the following tech-stacks **NodeJS, Postgres.**
 - **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). Migrated data from core-graphql DB to microservice dbs.
 - developed a feature for routing customer payments.
 - Integrated **RazorpayX** for creation and payouts.
 - **Tech stack: Node Js, Postgres, Python, graphql.**
 - **Created workflow for below features**
 - Takeover Fund Transfers.
 - Loan Renewals
 - **Tech stack: Node Js, Postgres, React Js, graphql.**

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.
- **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**.
- **Tech stack: Node JS, Mongo, Postgres, Zeebe** and **BPMN** workflow automation engine to orchestrate multiple micro-services to enabling loan renewal.

- **Notification Service**

- Collaborated on building a generic service for sending notifications over various channels, viz. **sms, email, push notifications** and tickets for support desk.
- Notifications were published and queued using **SNS** and **SQS** respectively; separate topics were used for separate channels.
- **Tech stack: Node JS, AWS-SES, Kaleyra, Twilio** as service providers.

- **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.
- **Tech stack: Python, Airflow, Celery, Executor** and **Postgres**.

- **Customer Info service**

- Collaborated in building a service for storing the mapping of customer and lender phone data.
- **Tech stack: 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.
- **Tech stack: Python, Flask, Redis**

- **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).
- **Tech stack: Node Js, Mongo DB**

- **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 **Technical Support Engineer, Rupeek, Bangalore.**

2019 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.
- **Tech stack: Node Js, Express**

Education

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

About me

Software engineer with six+ years of experience in designing scalable APIs, developing and managing microservices, and architecting distributed systems. Skilled in system design, optimization, and restructuring to drive performance and reliability

Proficient in Node.js, Python, Go, AWS, MongoDB, PostgreSQL, and serverless architectures.