

## EXPERIENCE

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- Slanglabs** Bangalore  
*Senior Software Engineer* *Sept 2021 - Present*
  - **Web SDK:** Lead Web SDK product development and road map. During this period there was 2x improvement in customer integration and end user adoption.
  - **NLU Intent Processor:** Built new way of processing intent on Slanglabs web SDK. This provided flexibility to handle entity resolution independently by apps.
  - **Built new Domains:** Designed and implemented the new domain for web assistant sdk in tight deadline. It helped us secure POC and subsequent integration opportunity with large financial institution.
  - **Conva Backend Platform:** Designed and Implemented API's for Slanglabs new Conva platform. Conva significantly reduced turnaround time in building, managing and integrating voice assistant.
  - **Notification system for NLU assistant training:** Implemented SSE using google pubsub to notify assistant training status to console.
  - **SKU Upload:** Designed and Implemented support for uploading large SKU data for assistant training. This resulted in over **50%** improvement in page loads
- Slanglabs** Bangalore  
*Software Engineer* *Sept 2018 - Sept 2021*
  - **Cache ([blog link](#)):** Built Multi level cache to improve slang core inference performance by almost **25%**.
  - **Analytics Microservice:** Built and scaled analytic ingestion pipeline to handle peak traffic.
  - **Database:** Designed and Implemented postgres database for slang micro services from the flat files that ever earlier used to store data and performed optimization to handle concurrent requests.
  - **Magento 2 Extension :** Implemented Magneto 2 extension that enable developers to add Slanglabs voice assistant to any online store with zero code implementation.
  - **E2E testing infra:** Built entire e2e testing infra using Cypress for slang console which contributed to quicker release cycle.
- Doselect** Bangalore  
*Software Engineering Intern* *Jan 2018 - August 2018*
  - **Infrastructure tool:** Service to run deployments and metrics generations. Involved in building the tool from scratch and building utilities for efficient report generation. Implemented asynchronous tasks using celery and RabbitMq.
  - **RestFul API:** Built API to get solution revisions of the problems used by partner companies, built using tastypie framework. The feature is live and in production.
  - **Mail Notifications:** Built feature for platform users to receive periodic email notification about users activity.
  - **User Management API:** Core service for managing the user and user permissions from easy to use dashboard.

## PROGRAMMING SKILLS

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- **Languages:** Python, Golang, Javascript, Java
- **Technologies:** AWS, GCP, Firebase, Web Development, Docker, CircleCi
- **Libraries and Framework:** Tornado, Django, Flask, Celery

## EDUCATION

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- **Ramaiah Institute Of Technology** Bangalore,  
*Master of Computer Application; CGPA: 8.35* *July. 2018*

## PROJECTS

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- **Speech Recognition:** A Speech to Text web application developed using python/django that performs streaming and non-streaming services.
- **Offline/Online indicator service:** Building a simple service which notifies if a user is offline/online during chat. The service is load balanced using nginx and stores user status in redis.
- **Vehicle Tracking System:** Arduino device to track vehicle with complete gps sensors and store location data in google firebase for access through web and mobile app interface.
- **Image Management API:** Rest API with GET, POST, PATCH request methods to save and retrieve images from the local file system stored by the API service. Developed using Python and Django Rest Framework.

## AWARDS AND EXTRA CURRICULAR

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- **Recognition for building productivity tool** Slanglabs  
*Built a docker-compose tool that helps developer run entire slanglabs tech stack with a single command.* Jan 2021
- **2nd Place in Payse Hackathon** Nucleus Software  
*Won online hackathon sponsored by nucleus software to find loopholes in their payment system.* March 2019