





Abin Simon

 meain.io
 abinsimon10@gmail.com
 github.com/meain
 linkedin.com/in/meain

EDUCATION

CUSAT

Cochin, Kerala, India
BTech in Computer Science
2014 - 2018

Vijayagiri Public School

Thrissur, Kerala, India
2012 - 2014

SKILLS

Languages

Python, Javascript, Rust,
Golang, Bash

Frameworks

ReactJS, NodeJS, Flask,
Falcon, Django

Databases

MongoDB, SQL, Redis

Platforms

Google Cloud, AWS, Digital
Ocean

EXPERIENCE

Saama Technologies

Research Engineer

July 2018 – present

Chennai, India

- Built a chat framework for our internal NLU engine
- Operationalize multiple in house ML/DL models
- Built scaleable solutions for training and inference pipelines for in-house automl solution on Kubernetes
- Worked on improving model serving for internal DL models
- Worked on creating a cloud IDE platform
- Built scaleable data transformation pipeline for large volumes of data

PYCON 2019

Dev Sprint

November 2019

Chennai, India

- Hosted Dev Sprint for IndicNLP (NLP for Indic languages)

Saama Technologies

Engineering Intern

Jan 2018 – June 2018

Chennai, India

- Create a chat interface for in-house chatbot engine DaLIA
- Built Flow Builder - Drag&Drop UI to create a complete chatbot
- Prototype for an experimental blockchain based patient consent platform

Datalog.ai

Engineer Intern

July 2016 – Oct 2017

California (Remote)

- Built embeddable and standalone UI for chatbot MyPolly
- Built framework for connecting to multiple chat platforms like Slack, Facebook Messenger, Alexa etc.

PROJECTS

PACE Complete IDE in the cloud

IDE in the cloud with automatic version control and full user traceability working as the backbone for a data transformation pipeline.

AutoML Automatic ML models on tabular data

Generate structured data pre-processing pipeline and an ML model for classification or regression. Training and deployment of models were managed and scaled through Kubernetes.

DaLIA A Virtual Assistant for Pharma

Closed domain Virtual Assistant Framework using NLP. Worked as a Full Stack developer on the

project managing framework and the UI components.

CDH Data transformation pipeline

Data transformation pipeline processing large volumes of data for medical standards built using Pandas, Postgres and scaled using Airflow and Kubernetes.

Flow Builder Low-code bot builder UI

A Drag&Drop UI for building and deploying chatbots using DaLIA framework.

MyPolly Chatbot framework

A open domain programmable chatbot framework which can be embedded on client webpages.