

Kishan SAGATHIYA

+91 8904682240, kishansagathiya@gmail.com

SUMMARY

Software Engineer with Background in **Golang**, Distributed Systems and P2P tech

I have worked as Core Contributor for open source projects IPFS-Cluster and Fabric8.

GitHub Profile: <https://kishansagathiya.github.io/github-profile/>

EXPERIENCE

SINCE SEPT 2021 Golang, Rust, Blockchain	Senior Software Engineer at ChainSafe Systems, Canada Building Gossamer (Go implementation of the Polkadot Host) Polkadot is a next-generation blockchain protocol connecting multiple specialized blockchains into one unified network. https://github.com/ChainSafe/gossamer
SEPT 2020-JUNE 2021 Python, Computer Vision	Software Engineer at Robovision, Belgium Wrote a client for APIs of Robovision's AI platform that lets you upload, annotate, train and test images Wrote data-exporter tool to convert various data formats into what the platform can understand Tested various vision algorithms on various platforms with various parameters changes Wrote code to check and compare efficiency of various Vision Algorithms written for different backends (i.e., pytorch, tensorflow)
DEC 2018 - Jan 2020 Golang , P2P Networking Distributed Systems	Software Engineer at Protocol Labs, USA (YC S14) Member of IPFS organization I helped in building the open source project IPFS-Cluster (https://cluster.ipfs.io/) IPFS Cluster provides data orchestration across a swarm of IPFS daemons among multiple peers Wrote new APIs, CLI commands, a load balancing client, Designed permission-APIs and permissioned-RPC for peers, Enabled networking protocols like QUIC and P2P circuit relay, Supported the design and code changes the project went through from a somewhat centralized IPFS-Cluster with Raft to Distributed IPFS Cluster with CRDTs Talked to and supported many users who were building products on top of IPFS Cluster
MARCH 2018 - DEC 2018 Golang , Kubernetes	Associate Software Engineer at Red Hat, Bangalore Part of Build Team (Continuous Integration and Continuous Development) and Auth Team (OAuth 2.0 and OpenID Connect) (helped create a platform for hybrid cloud services, openshift.io)
SEPT 2017 - MARCH 2018	Software Engineering Intern at Red Hat, Bangalore Part of Auth Team (OAuth 2.0 and OpenID Connect) Developed OAuth2.0 friendly login, Worked On Keycloak (Identity Management Software written in Java),

EDUCATION

JUNE 2017 Bachelor of Technology in INFORMATION TECHNOLOGY
National Institute of Technology Karnataka, Surathkal
JULY 2012 12th Standard, JNV Bhavnagar | Final Percentage: 84.2/100
JULY 2010 10th Standard, JNV Bhavnagar | Final Grades: 9.6/10

SKILLS

Golang, Distributed Systems, Python, AI, Product, API Development

MISCELLANEOUS

PROGRAM IN BLOCKCHAIN	Attended first Developer's Program in Blockchain Technologies Consensys, New York Highly selective course (10% acceptance rate), Fully funded certificate with 2 months of online training and one week of on-site project in Dubai. Pitched my startup ideas to an Ethereum Cofounder Consensys is the world's largest blockchain venture studio Final Project https://github.com/gtaschuk/SubsCryption
IOCL Scholarship	IndianOil offers 300 Scholarships to Students pursuing Engineering each year