



Raman Kishore K

CTO | Co-Founder | 8 years experience

Passionate software professional with an experience of 8 years. Been a Co-Founder & CTO of a startup, raised \$1.25M in funding, built a team of 15 and a world-class Virtual Classroom + LMS product.

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WORK EXPERIENCE

Co-Founder & CTO

Link Classroom (Learngam)

10/2019 - 06/2023

Singapore & Bengaluru, India

Ref: linkclassroom.com & www.youtube.com/@linkclassroom

Achievements/Tasks

- We raised \$1.25M in pre-seed & seed rounds with headquarters at Singapore.
- Built a best-in-class Virtual Classroom product along with a mini LMS for web & mobile which is being used by coaching centers in India.
- Built and led a team of 10+ Engineers across India (remotely).
- Deployed and scaled video conferencing using Jitsi (open source) on AWS & Oracle cloud with auto-scaling and graceful scale-down along with load testing and cost projections.
- Built the mobile app for Android & iOS in React Native with video conferencing along with mobile screen-sharing, performance & bandwidth optimisation.
- Used websockets and built a real time communication engine powering chats and real time events across the product.
- Built a cloud recording module for classroom recordings. In depth DevOps & Architecture decision making involved to deploy & auto-scale it.
- Built a classroom simulation and load testing environment using Selenium Grid.
- Built in-house whiteboard & integrated MIRO whiteboard for a seamless writing experience with external devices like writing pads, etc.
- White-labelled the product to show institute branding and customisations.

Senior R&D Engineer

Honeywell Technology Solutions

06/2015 - 07/2019

Bengaluru, India

Achievements/Tasks

- Deployed Hyperledger Fabric based Blockchain platform for GoDirect Trade (<https://www.godirecttrade.com/>) which is the first of its kind online marketplace for aircraft parts.
- Architected and developed a Wallet application to manage various Blockchain identities for an organization & integrated with a common Identity Access Management platform.
- Developed Blockchain Smart Contract with Role Based Access Controls.
- Digitization of aircraft part scanned documents through various Deep Learning and OCR techniques for document classification and object detection.
- React and NodeJS based Blockchain client applications to ingest and view transaction data.
- ML based shipment scheduling at Honeywell Plant to maximize revenue. Patent filing in progress.
- Smart Assistant - A python + C# WPF + SQL Server based application which generates data based insights to aid the internal teams improve their efficiency.

SKILLS

Architecture & DevOps

Hiring & team management

Agile project management

Python

Flask

NodeJs

Websockets

AWS

Oracle Cloud

MySQL

MongoDB

Kafka

Redis

Jitsi video conferencing

Docker

Kubernetes

EDUCATION

Bachelors & Masters in Electrical Engg & Communications

Indian Institute of Technology, Madras (IIT M)

08/2010 - 04/2015

Chennai, India

ACHIEVEMENTS

In-House Startup Award (01/2019)

Honeywell In-House Startup Award, 2018 for potential Blockchain based applications in Aerospace.

Outstanding Engineer Award (01/2018)

Received Outstanding Engineer Award for the year 2017 which recognizes top 1% talent at Honeywell.

Software multiplier (2017)

Identified as top software talent globally across all Honeywell locations. We were given the most challenging projects and were responsible for hiring initiatives.