

Soorej Jones

Passionate and versatile engineer, problem-solver, and leader. Experienced a lean, agile, fast-paced start-up at flujo and a detailed, organised, and distributed engineering culture at GE, with hands-on experience building and managing real-time on-demand web-based applications to implementing and campaigning for cutting edge DevOps transformations.



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WORK EXPERIENCE

Product Owner flujo.io

07/2019 - Present

Modern workspace collaboration suite.

Achievements/Tasks

- Broke up a monolith to independent **Dockerised microservices** and **Migrated infrastructure** from IBM cloud to **AWS**.
- Wrote the backend for a modern **messenger** that works **cross-platform** using node.js, MongoDB, web sockets, FCM, and Redis pub/sub, and a **discussions forum**, topics; with reactions, nested commenting, popularity filters, category filters and sharing.
- Refactored and rearchitected our **cloud storage solution** to be **scalable**; migrated authentication to Amazon Cognito and built a **unified authorisation middleware** for all microservices.
- Created our **DevOps** infrastructure using **Kubernetes**, **ALB**, OpenVPN, Python, zsh and Jenkins with automated builds to development environments and gated builds to staging and production, along with **Prometheus** and **Grafana** for monitoring.
- Lead flujo's engineering and set architectural guidelines, processes, hiring policies. SPoC of Engineering to Customer Success, Marketing and Finances.
- Hired and built a **Quality Assurance Team**, set up QA guidelines and processes; later a **mobile development team**(flutter)

Contact: Abhiram Deshpande, Founder and COO of flujo - +91 984 958 7658

Software Engineering Specialist at GE GE Digital

07/2017 - 07/2019

Pioneer and Market leader on Industrial IoT

Achievements/Tasks

- The only engineer responsible for all GE APM environments (including production) during Indian hours; worked on creating DevOps standards in the organisation using **Jenkins** pipelines and **shell scripts**. Also built an **SDK** in **python** for automating tasks involving Security, Users and Functionalities of GE's APM.
- Worked on a Kubernetes-Azure PoC to migrate our products from an in-house infrastructure based on cloudfoundry to an industrial standard using Kubernetes and docker with a small team and Migrated application monitoring from **Newrelic** to **Appdynamics**.

Contact: Veerendra Hegde, Engineering Manager - +91 966 385 5874

EDUCATION

B.Tech in Computer Science and Engineering College of Engineering, Trivandrum (CET, University of Kerala)

2013 - 2017

SKILLS

Node.js (javascript, express)

Django

Python

MongoDB

AWS (EC2, EKS, S3, Lambda, RDS, Cognito, ALB, GA)

Docker

Kubernetes

Jenkins

Firebase

PERSONAL PROJECTS

pype (2016)

- Built a **decentralised**, persistent and anonymous peer-to-peer **video conferencing system** using **python**, and **c**.

Photographer Bot (2015)

- Made a **face detecting robot** that moved around and photographed guests at CETEX. The bot was built using an **android** phone for photographing, face detection, **intelligent movement**, **obstacle avoidance**, and real-time photo publishing and a raspberryPi for motor controls

Blockchains and Cryptocurrencies (2016)

- Presented a detailed study on cryptocurrencies and blockchain as part of the coursework including code demos of bitcoin **proof of work**, and **moving difficulties**

ACHIEVEMENTS

Chairman of CETAAConnect. (2014 – 2017) (2014 - 2017)

As a founding member, headed technical operations for CETAAConnect; a student organisation to increase alumni involvement in the campus. Later promoted to Chairman of the organisation.

Presented a paper at IEEE Asia Pacific HTC (2014)

A rural-urban educational bridge using cloud computing technologies. A model for offloading computing power to servers at urban universities to support educational platforms that promote rural education efforts.

Convenor for Colours of Dhvani (2015)

Organised a promotion event for the annual cultural festival of CET, which involved over 1500 students at the closing ceremony of 2015 National Games of India.