Senthil Velu Sundaram

How to reach

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What I know

System design

Microservices

Tech-stacks: Ruby on Rails, Java, NodeJS, GoLang

Building self-organizing empowered teams

DevOps & Continuous delivery

Mentoring

Open source
cloudlift
commit_param_routing
webhook_recorder

Who am I

I'm a technical leader with 16 years of experience. I love resilient architectures, extensible design, microservices, continuous delivery, TDD.

I love mentoring and building teams that work in a lean way to make a disproportionate impact. I love building stuff that is highly scalable. I love to be hands-on.

I wanna be part of the product growth journeys. I wanna be part of a team of great people. I wanna be part of learning organizations.

What path I walked

Engineering lead, Infrastructure, Rippling. Bengaluru, Karnataka
Mar. 2020 – Present

Built the infra team from ground up spanning across India and
- US. Containerization, high-availability, observability setup
- CI/CD modernization and optimization
- MongoDB architecture to support scale
- Led multiple DB and Python version
- upgrades Disaster recovery setup
- Cloud development environment (remlocal) for
- engineers Monolith to services journey

VP Engineering, Simpl. Bangalore Jan. 2017 – Mar. 2020

- Architected and scaled up the platform to handle 100x scale
- Moved to a polyglot microservices architecture to handle synchronous and asynchronous workloads
- Event-sourcing architecture with
- Kafka Worked on the data pipelines
- Coached team follow XP principles (TDD/BDD, CD)
- Conceived, built devops tool, cloudlift and open-sourced
- it Given talks at meet-ups and conferences
- Scaled up the engineering team from 4 to 30 while ensuring excellent engineering culture. Attracted excellent technologists.
- Created functional pods that align with architecture (Conway's' law)

Lead consultant developer, ThoughtWorks. (India, UK) Apr. 2009 – Jan. 2017

- Worked on projects of different scale, domain, and tech-stack

Software engineer, Satyam/Tech Mahindra, India Sep. 2006 – Mar 2009

- Built applications for major automobile manufacturer for their supply chain management

- To name a few,
  - Virtualization platform (similar to AWS EC2) with Citrix Xen as the underlying layer. Built with ruby for a client in the US
  - Multi-tenant railway booking application that handles > 90% of traffic in UK.
  - Built a workflow system for a publishing services company
  - Single page application that disburses a personal loan in a day for a leading bank in Europe.
  - One of India's famous online movie ticket booking platform. Built with GoLang microservices

Software engineer, Satyam.
Chennai Sep. 2006 – Apr. 2009

- For a leading automobile manufacturer, developed a module in a supply chain management solution.
- Designed to be flexible and deployed in multiple
- countries Ran webinars internally to upskill

📕 To know more

Github: https://github.com/siliconsenthil
LinkedIn:
https://www.linkedin.com/in/siliconsenthil Blog:
http://siliconsenthil.in/