SURENDRAN MAHENDRAN

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CONTACT

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- 📍 Bengaluru, KA India

PROFESSIONAL SUMMARY

- Seasoned software engineer with ~12 years experience across the stack in individual contributor, consultant and leadership roles.
- Excited by challenges across all aspects of engineering - technology, operations, products and people.
- Have significant expertise in application development, devops, performance and leading platform teams.

ADDITIONAL INFORMATION

- github.com/surenm
- linkedin.com/in/surendranm/

SKILLS

- Ruby (Advanced)
- Python (Intermediate)
- Java (Novice)

EXPERIENCE

ENGINEERING PROJECT LEAD   *Jun 2020 - Mar 2021*

Curefit, Bangalore, India

- Technology lead and engineering manager for a team of 10-15 folks.
- Managed the e-commerce and marketplace verticals.
- In a short time, cut the overall cost of engineering operations by 75% by migrating the stack to kubernetes and implementing load based elastic scaling.
- Technology: Ruby on Rails, Java,

SENIOR STAFF ENGINEER   *Feb 2016 - Jan 2020*

Qubole, Bangalore, India

- Overhauled the core middleware to handle 10x throughput at 1/5th cost
- Migrated the control plane to a native k8s deployments in all 3 clouds AWS, GCP & Azure - increased new customer prospects by two fold with this project
- Architected & rolled out controllable and revertable releases - increased stability of releases by over 80%.
- Qubole-in-a-box - Built tooling that streamlined development and test setups by providing quick/throw-away dev & integration environments
- As part of these projects, led and mentored several junior & intermediate experienced folks who became key contributors in the org.
- Technology: Ruby-on-Rails, Kubernetes, Chef, Ruby, Python, AWS, GCP, Azure, golang

SENIOR SOFTWARE CONSULTANT   *Jan 2014 - Jan 2016*

Avaaz, Optmyzr & Science Inc

- Technology: Rails, PHP, C#, Devops, Javascript
- Did several assignments ranging from front-end, back-end, full-stack, data warehousing & Devops.

FOUNDER / TECHNOLOGY LEAD   *Jan 2012 - Aug 2013*

Markupwand, Mountain View, CA USA

- As Co-Founder at a YCombinator funded startup, lead the overall engineering efforts.
- Wrote software from scratch to auto-generate web & mobile applications from Adobe Photoshop designs. Had built a strong validation for problem space.
- Technology: Ruby on Rails, Backbone.js

SOFTWARE DEVELOPER / EARLY ENGINEER   *Jun 2011 - Jan 2012*

- JavaScript (Novice)
- Ruby on Rails (Advanced)
- React (Novice)
- Docker (Advanced)
- Kubernetes (Intermediate)
- DevOps (Advanced)
- AWS (Advanced)
- GCP (Intermediate)
- Big Data (Intermediate)
- Data Warehousing (Intermediate)
- Performance (Intermediate)

Hackerrank, Bangalore, India
- Joined as a first employee and worked across engineering, Devops, and customer success functions
- Implemented a dyanmic producer-consumer solution using zeromq that could handle 10-50x sporadic spikes in the platform effectively
- Technology: PHP, ZeroMQ, Docker

SYSTEMS ENGINEER   *Jun 2009 - Jun 2011*

Yahoo! Inc, Bangalore, India
- Systems engineer involved in operating, load forecasting and performance testing Yahoo! Shopping, Travel, Entertainment and News verticals
- Awarded Super Star award for my team's work in a newly launched content platform and promoted to Hadoop performance engineering team.

EDUCATION

BACHELOR OF TECHNOLOGY - ELECTRICAL & ELECTRONICS ENGINEERING   *Apr 2009*
National Institute of Technology, Trichy, India

PRESS MENTIONS

On launching my startup:
- http://techcrunch.com/2012/08/17/markupwand/
- http://yourstory.com/2012/08/do-some-designer-magic-with-markupwand/

On Winning a Hackathon HackTheUniverse in Museum of Natural History, NYC
- http://www.theatlantic.com/technology/archive/2014/11 /hacking-a- universes-worth-of-data/382543/