

Syam Krishnan S

Engineering Leader

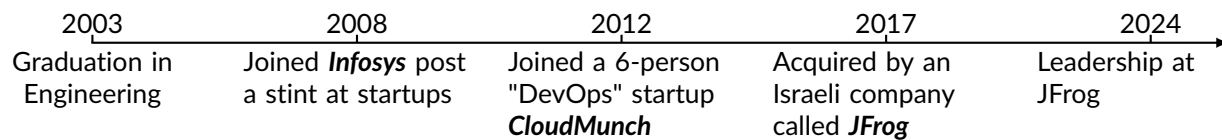
✉ syamkrishnans@gmail.com 📞 098862 37395 🌐 syamk.in in syamkrishnan 🌐 kammathavarana

Summary

A seasoned **techno-functional engineering leader** with nearly two decades of experience in developing and maintaining scalable, high-availability software systems. My **startup background** has made me a self-driven, results-oriented leader with strong people management skills and an entrepreneurial spirit. My expertise encompasses web and mobile applications, SaaS, cloud computing, DevOps, analytics, and security, focusing on "**customer delight**" from my early sales experience. At JFrog, founded and directed the **Installers team**, promoting collaboration both internally and with external stakeholders, and have a proven track record of **excellence in mid-senior leadership** roles, supported by 12 years of deep proficiency in cloud technologies and DevOps.

Core expertise:

- **Strategic Planning & Governance:** Expert in STRAP, roadmap development, technology selection, cloud governance and architecture.
- **Solution Design & Optimization:** Deep expertise in solution architecture, developing resilient SaaS applications while ensuring effective price-performance ratios.
- **Cloud and Multi-Cloud Transformation:** Proficient in hybrid multi-cloud solutions (AWS, Azure, GCP, OpenShift), enterprise data center management, and implement DevSecOps practices with CI/CD pipelines.
- **Talent Development and Compliance Management:** Focused on building global talent, enhancing service delivery, risk management, and US-based security compliance (FIPS, FEDRAMP).



Experience

JFrog Ltd, Engineering Manager, (Nov 2017 - Aug 2024)

- As the Installers Engineering Lead, led **short and medium-term planning** initiatives, set clear objectives, and developed innovative installation solutions tailored to market trends and demand, resulting in a 50% increase in adoption and a 15% reduction in installation time. ¹
- Spearheaded and consistently honored **security SLAs for 25+ third-party software** integrations over four years, ensuring compliance and robust protection through effective CVE analysis and security best practices.
- Championed multiple **strategic initiatives**, such as the Blenders program to enhance customer interaction and YBIYRI to boost full-stack engagement within the team, significantly improving observability in the production environment.
- Designed and developed a **Kubernetes operator**-based installer for the platform, streamlining deployment processes and enhancing operational efficiency.
- Attained an impressive **zero attrition** rate over the past four years for a consistently high-performing team, while actively recruiting, mentoring, and coaching candidates.
- Managed the governance, risk, and compliance management for **FIPS 140-2 and Ironbank compliance** across JFrog products, excelling in delivering compliance certifications and ensuring stringent security standards.
- In individual contributor role, successfully delivered 3 key services for the JFrog platform, including the design and maintenance of the metadata service in Artifactory.

India
Nov 2017 - Aug 2024
6 years 9 months

CloudMunch Ltd, Senior Engineer, (May 2012 - Oct 2017)

Bengaluru
May 2012 - Oct 2017
5 years 5 months

- As a member of the founding team at CloudMunch, played a pivotal role in the development of the CloudMunch **Insight product**, dedicating my efforts exclusively from its inception until its successful acquisition by JFrog.
- Automated metric collection for team productivity, established clear KPIs, and tracked performance using auditing tools, increasing team efficiency.
- Collaborated with multiple clients at CloudMunch as a **Solution Engineer**, providing tailored solutions for Honeywell Aerospace that enhanced the operational efficiency of the team and transforming their DevOps architecture.
- Utilized extensive **open-source experience** and expertise in DevOps tools like Ansible, Kubernetes, Helm, and Terraform to implement efficient infrastructure solutions on AWS, GCP, Azure, and OpenShift.

Infosys Ltd, Product Technical Lead, (Oct 2008 - May 2012)

Bengaluru
Oct 2008 - May 2012
3 years 7 months

- Led a team of 5-6 at Infosys as part of the **iEngage Enterprise product**, overseeing scheduling, code reviews, managing PRs, release cycles, delivery, and performance.
- Contributed to the **design and architecture** of web components in object-oriented Perl, exercising expertise in user experience and usability design.
- Developed and maintained comprehensive **documentation and wiki pages**, enhancing team collaboration and knowledge sharing.

SourceEdge Ltd, Team Lead, (Sept 2006 - June 2008)

Bengaluru
Sept 2006 - June
2008
1 year 9 months

- Guided a team of 8 web developers and testing engineers on PHP projects, managing coding, reviews, design, architecture, and team dynamics.
- Delivered Web 2.0 applications, including the Yahoo! SMB website builder and media streaming solutions using Flash video/audio players, while leveraging expertise in Unix/Linux administration.

Education

M.Tech. **IIT Jodhpur**, MTech in Artificial Intelligence

- **Coursework:** Computer Architecture, Artificial Intelligence, Machine Learning, Foundation models, LA, Statistics and Probability

B.E. **Manonmaniam Sundaranar University**, B.E. in Electronics and Communication

- **Coursework:** Communication theory, Telecommunication principles, Computer Science, Discrete Mathematics

Certification

Stanford University and DeepLearning.AI, Machine Learning Specialization [7WRNSMNTLTKN](#) 

- Course duration ~ 3 months and led by Dr. Andrew Ng

Skills

Languages: Go, Pure Javascript, Node.js, Python, C, PHP, Perl, Awk, Bash, Powershell, Actionscript

Technologies: Kubernetes, Helm, Operators, Terraform, Crossplane, Ansible, Angular, JQuery, cloud platforms.

Currently learning: Tensorflow, Keras, PyTorch, Numpy, Pandas

Current Location: Bangalore, India.

Made with  [Source](#)

¹ More details and references [here](#) 