

JERYN MATHEW VARGHESE

Principal Software Engineer & Cloud Architect

 +91 99166 75295

 jerynmathew@gmail.com

 LinkedIn Profile

PROFESSIONAL SUMMARY

Seasoned technology leader with 17+ years of experience in software development, cloud architecture, and engineering management. Proven track record in leading cross-functional teams, scaling cloud platforms to support millions of devices, and driving innovative solutions for complex technical challenges. Expert in AWS cloud services, Python, Golang, and DevOps practices with a passion for mentoring teams and delivering high-impact results.

PROFESSIONAL EXPERIENCE

Principal Software Engineer (Cloud)

09/2017 - 01/2025

Esper.io Inc

- Led the design and development of core cloud services and infrastructure, contributing to the company's rapid growth and technological advancement.
- Managed and scaled the cloud team from 5 to 80+ members, overseeing hiring, mentoring, and career development.
- Architected scalable solutions to support up to a million devices, ensuring high availability, performance, and security.
- Collaborated with cross-functional teams including product, sales, and customer success to align technical strategies with business goals.
- Presented technical and strategic updates to the executive leadership, driving key decisions and initiatives.
- Instrumental in setting up best practices in DevOps, CI/CD, and cloud-native architectures.

Software Architect

11/2016 - 07/2017

Retailio

- Designed and implemented a Master Data Management (MDM) system, significantly improving data accuracy and accessibility across the platform.
- Architected scalable reporting and analytics solutions, providing insights for business growth and operational efficiency.
- Led a team of engineers, ensuring high-quality deliverables through code reviews, mentoring, and technical guidance.
- Enhanced system reliability and performance, supporting a user base of over 1 million across India.

Software Development Engineer - 2

07/2015 - 11/2016

Amazon Development Center India

- Led the development of a high-performance, scalable seller screening platform, supporting a 36x increase in users from 11M to 400M.
- Designed a self-service onboarding system for Amazon's screening platform, reducing onboarding time by 50%.
- Developed an AWS-based auditing platform for compliance and security monitoring, improving regulatory adherence.
- Reduced on-call burden through automation and optimization of team processes, improving overall team efficiency.
- Contributed to team growth through technical leadership, mentoring, and active participation in recruitment.

Senior Developer / DevOps & Tech R&D Lead

06/2014 - 06/2015

TaxiForSure (Serendipity Infolabs Pvt Ltd)

- Enhanced the performance and scalability of the core booking and dispatch platform, supporting rapid business growth.
- Designed and implemented a fraud detection system, reducing fraud incidents by 40%.
- Led DevOps and R&D initiatives, introducing Docker for streamlined development, testing, and deployment workflows.
- Coordinated with cross-functional teams to manage deployments and infrastructure improvements, ensuring system stability and uptime.
- Mentored junior developers and contributed to recruitment efforts, strengthening the technical expertise of the team.

Senior Member of Technical Staff

09/2013 - 05/2014

Ideadevice Technologies Ltd

- Developed core components for Epsilon (core product offering), including a high-performance VPN tunnel with REST interfaces.
- Optimized and scaled existing product solutions, enhancing performance for key clients.
- Led release management efforts, ensuring smooth and timely delivery of product updates.
- Contributed to open-source projects, including gunicorn and gevent, advancing community-based development.

Senior Development Guru

09/2012 - 09/2013

Langoor Digital Pvt Ltd

- Developed backend solutions for Langoor.mobi, optimizing site performance and conversion rates.
- Established new development processes and best practices, improving code quality and team productivity.
- Conducted technical workshops and mentoring sessions, fostering a culture of continuous learning and development.

Senior Software Engineer (Embedded Systems) / Tools & Driver Developer

08/2007 -
02/2011

Robert Bosch Engineering and Business Solutions Ltd

- Developed automation tools and performance profiling systems, improving development efficiency by 30%.
- Led the development of CAN protocol stack enhancements, enabling seamless integration with various automotive systems.
- Mentored junior engineers, contributing to a high-performance development team and fostering a collaborative environment.

TECHNICAL SKILLS

■ Languages & Frameworks

Python

Golang

JavaScript

Django

Flask

FastAPI

■ Cloud & DevOps

AWS

Docker

Kubernetes

Terraform

Jenkins

■ Databases

PostgreSQL

Redis

Elasticsearch

Kafka

■ Tools & Platforms

Git

GitLab

Jenkins

Prometheus

Grafana

Logstash

Kibana

■ Methodologies

Agile

Scrum

Lean

Test-Driven Development (TDD)

■ Leadership & Management

Team Building

Mentoring

Strategic Planning

Stakeholder Communication

EDUCATION

Bachelor of Engineering (Electronics and Communication)

2003 - 2007

Rajagiri School of Engineering and Technology