

# Veerasolaiyappan V

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**Software Engineer** with **5+ years** of experience in **GIS, Supply Chain, E-Commerce, and DeFi** industries. Expertise in **full-stack development, microservices, cloud computing, DevOps, and automation**. Focused on solving complex problems and optimizing system performance.

## Work Experience

**Senior software developer, TEKsystems (Cisco, HP & Redhat)**

**11/2023 - Present**

- **Architected** a high-throughput **Quotation Management Platform** handling **1M+ messages/sec**, reducing Api response latency to **under 500ms**, which improved **real-time pricing accuracy** and **system scalability**.
- **Modernized** of a **Document Management Platform** used by **100K+ daily users**, cutting build and deployment time to **under minutes**, which accelerated release cycles by **5x**.
- **Engineered** a custom **Code Generation CLI** tool that slashed app development and deployment time from **hours to minutes**, enabling the creation of **100+ data pipelines** for data ingestion, processing, visualization, and deployment - Improving engineering velocity by **60%**.
- Implemented a **scalable QA Automation Framework** for **100+ data pipelines**, which **reduced production failures by 95%**, and strengthening system stability, data accuracy, and deployment confidence.
- **Technologies** - React js, Next js, Java Spring boot, GraphQL, gRPC, Golang, Postgres, MongoDB, AWS, Azure, Docker, K8s, Openshift, Terraform

**Fullstack developer, CLAR Technologies Pvt Ltd**

**12/2021 - 11/2023**

- Led a cross-functional team of **10+ engineers**, driving successful project execution within strict timelines.
- **Designed and implemented Skuchain**, a **multi-tenant SaaS supply chain platform**, reducing **query latency by 30%** through **database connection pooling**.
- Developed **Slaylews**, a **multi-vendor beauty service platform**, integrating **global search, vendor onboarding, service cart selection, time slot booking, and payment gateway**, supporting **5K+ active users** and **10K+ appointment bookings** seamlessly.
- Created an **Internal Developer Portal (IDP)** for **real-time Linux data center monitoring, aggregating server logs**, and leveraging **Temporal workflows** to manage **high-throughput server creation requests**.
- **Technologies**: React.js, Java, Spring boot, Golang, Postgres, MongoDB, Docker, K8s, AWS, Terraform

**Junior software developer, Binary Numbers ITzone LLP**

**09/2020 - 12/2021**

- Implemented a **course creation and notification system** for **People Matters LMS**, supporting **100K+ users** across multiple regions.
- **Managed 1K+ public and private courses**, integrating **RBAC, region-based access, and multilingual support** for seamless user experience.
- Built the **ticket booking and payment module** for **Empire Cinemas**, a cinema ticket booking platform serving **Gulf countries**, enabling **10K+ daily ticket bookings** and supporting **100K–200K peak-time transactions** for seamless and secure payments.
- **Technologies**: React js, Vue js, Java, Spring boot, MySQL, Docker, CI/CD, AWS, Terraform

## Education & Certifications

- **MBA** - Project Management - Alagappa University 2021 - 2022
- **B.E - CSE** - Kamaraj college of engineering and technology 2016 - 2020
- AWS certified **Solution Architect associate**
- Infosys Foundation Course For Python And Oracle Certification
- DELL Emc2 Data Science And Big Data Analysts Course Certification

## Contributions

- **AWS Community builder - Serverless** - Hosted **25+ Virtual events** and published **10+ articles**
- **CNCF Madurai organizer** - Hosted **10+ Virtual and in-person events**