

VIKAS KAUSHIK

Senior Software Engineer | 📅 10+ Years

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Experience

Walmart

SDE-IV

📅 June 2021 - Present

📍 Bengaluru, India

- **Tech-stack:** Golang, Kubernetes, Docker, Kafka, SRE, DevOps, Prometheus, Grafana, M3, K8s operators, Multi-cloud, DR, GCP.
- Designed and implemented anomaly-detection services for AIDR (AI-based Incident Detection and Recovery), serving hundreds of clients for real-time anomaly detection with reduced noise alerts.
- Developed a showback system to represent the telemetry platform usage by different teams in terms of dollar cost. This reduced platform abuse by ~20%.
- Enhanced and maintained critical parts of telemetry services that ingest and store multi-million metrics per second in large volumes.
- Wrote Prometheus Exporters, Kubernetes Operators, REST APIs, and Production grade enterprise microservices.

ThoughtWorks

Application Developer

📅 Sep 2018 - May 2021

📍 Pune, India

- **Tech-stack:** Golang, Kubernetes, Kafka, Kafka-Streams, Java-Spring-Webflux, React-Redux, OAuth, Ansible, Jenkins, CI/CD, Git.
- Designed and developed a scalable ETL data pipeline using an event-driven architecture that processed and aggregated more than 2 million invoices per hour.
- Implemented flawless user migration services that handled over 20k distributed Tx (saga) per hour.
- Engaged as the Tech-lead for the clients: Tesco (UK) and IDFC from ThoughtWorks and led these fast-paced projects from inception stage to successful delivery.
- Implemented responsive UI with Internationalisation support using React-redux, Material UI, and Jest.
- Delivered training sessions to upskill new hire batches for agile practices, ways-of-working, and ThoughtWorks culture. Driven lunch & learn sessions and design thinking workshops for colleagues.

About 🧑

- Experienced software engineer skilled in developing scalable & reliable distributed systems, and setting up project structure, monitoring, CI/CD, and DevOps.
- Strong background in architecting enterprise services, data pipelines, and SRE.
- Lead tech teams and played agile coach, and scrum master.
- Passionate about quality, inclusivity, diversity, and sustainability.

Skills </>

Keywords

Golang C# Kubernetes
Prometheus K8s Operator
Docker Kafka Grafana
OAuth Linux SQL Git
SRE

Software Engg.

Enterprise Microservices
System Design Scalability
Reliability Data Structures
Algorithms & Complexity
Design Patterns CI/CD
DevOps Clean Code
Clean Architecture Agile
TDD Saga Rest APIs

Education 🎓

B.Tech. Information Technology

MAIT, GGSIPU, New Delhi
July, 2008 - July 2012

Experience

Ciena

Senior Software Engineer  Jul 2017 - Sep 2018  Gurugram, India


- **Tech-stack:** C#, .Net core, Docker, Cassandra, Kafka, Git
- Did feature development for SDN product - Blueplanet for clients: AT&T, Facebook (USA)
- Significant contribution towards feature implementation, Rest API Development, refactoring and bug fixing in a domain heavy context.
- Project: Blue Planet is a container-based microservices software architecture that enables true end-to-end service orchestration and SDN software suite for optical networks.

Optym

Senior Software Engineer  Nov 2015 - Jul 2017  Bengaluru, India

- **Tech-stack:** C#, .Net, MS-SQL, SVN, Agile, Ninject, LINQ, Postsharp, NUnit.
- Improved API SLAs 5 times by implementing streaming and caching.
- Implemented REST APIs, caching strategy, and asynchronous processing of business logic, using AOP, DI, and Lazy evaluation.
- Took complete ownership of the application middle layer in a startup environment with Operation Research Scholars.
- Moved business logic from DB Layer (PL/SQL) to the service, improving performance and maintainability.

Infosys

Software Engineer  Aug 2012 - Oct 2015  Chandigarh, India

- **Tech-stack:** Mainframe, COBOL, MS-SQL, Linux, Perl, HTML, CSS, Js
- Implemented requirements in the Report Generation module for BASEL-3 regulatory standards and refactored the code base.
- Developed snowflake DB schema and ETL data-pipeline for a Data Warehousing project.
- Did feature development, maintenance, and documentation for multiple Amex projects: Modified Lockbox Management (MLB), Split funding (SF), Speed of Pay Project (SOP), three Amex applications i.e. Project uplift, NIT 2.0, ACH Gateway, BOP

Languages

English - Professional

Hindi - Native

Strengths

- Honest
- Empathetic
- Communication skills
- Analytical
- Adaptable
- Collaborative
- Innovative
- Holistic-approach
- Process-oriented

Hobbies

- Meditation
- Yoga
- Hiking
- Running
- Swimming

Additional Info

Nationality: - Indian

Work Authorisation: - will require visa sponsorship for International roles.