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.

- 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 October 2018 - April 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 👤

With a decade of Professional work experience, I'm skilled in developing reliable & scalable distributed backend systems. I've inherent zeal for quality. I thrive in an environment that has high regard for inclusivity, diversity, creativity, sustainability, and collaboration. I love to be among empathetic intellectuals & first-principle thinkers.

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.

- Project: HaulPLAN (Clients: FedEx, ABF, SAIA, YRCF - USA): HaulPLAN is a service for less-than-truckload shipping (LTL) carriers to create plans and optimize network operations. The system can be used by linehaul planners, network planners, and central dispatchers to create better linehaul schedules and shipment routes.

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

Addtional Info 🌐

Nationality: - Indian

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