# VIKAS KAUSHIK

**Senior Software Engineer | 💼 10+ Years**

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# Experience

## Walmart

SDE-IV     📅 June 2021 - Present     📍 Bengaluru, India

- I'm responsible for designing and implementing platform engineering solutions at Walmart scale for Observability and SRE.

- I've crafted crucial parts of auto-scaling and anomaly-detection services, running ML models for hundereds of clients.

- I developed and maintained critical parts of telemetry services that ingest and store multi-million metrics per second in large volumes.

- Implemented showback modules to quantify the telemetry platform usage by different teams in terms of dollar cost.

- Delivered production grade enterprise microservices, prometheus exporters and kuberentes operators

- **Tech-stack:** golang, kubernetes, GCP, Kafka, operators, SRE, Devops, prometheus, grafana, M3, Multi-cloud, DR.

- Walmart handles over 2.5 petabytes of data every hour, providing unparalleled scale and complexity in its backend operations that serves over 200 million customers each week, daily deploying +100,000 lines of code, working on private, public and hybrid clouds.

## ThoughtWorks

Application Developer     October 2018 - April 2021     📍 Pune, India

- I led fast-paced complex projects from inception stage to successful delivery, including designing, development and hand-over.

- Designed and developed a scalable ETL data-pipeline using event-driven architecture that processed, aggregated more than 2 million invoices per hour.

- Designed and developed flawless user migration services that handled over 20k distributed Tx (saga) per hour.

- Implemented responsive UI with Internationalisation support using React-redux, Material UI, Jest.

- Engaged with different clients i.e. Babyloan (UK), CXA (Singapore), Tesco (UK).

- Worked as a trainer to upskill new hire batches with agile practices, ways-of-working and ThoughtWorks culture. Driven different workshops for colleagues.

- **Tech-stack:** golang, kubernetes, Kafka, Kafka-Streams, Java-Spring-Webflux, React-Redux, Oauth, Ansible, Jenkins, CI/CD, Git.

- ThoughtWorks is a leading global technology consultancy that integrates strategy, design and software engineering to enable enterprises and technology disruptors across the globe to thrive as modern digital businesses.

# About 👤

With a decade of Professional work experience, I'm skilled in developing reliable & scalable distributed backend systems. I've inehrence zeal for quality and 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

- Developed and enhanced an 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.

- **Tech-stack:** C#, .Net core, Docker, Cassandra, Kafka, Git

- Ciena (NYSE:CIEN) is a global leader in optical and routing systems, services, and automation software.

## Optym

Senior Software Engineer     🗓 Nov 2015 - Jul 2017     📍 Bengaluru, India

- Improved the API SLAs 5 times by implementing streaming and bug fixes.

- Developed application Middle Layer including REST APIs, caching strategy and asynchronous processing. Implemented concepts like AOP, DI, Lazy evaluation.

- Worked in a startup environment along with Operation Research Scholars.

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

- **Tech-stack:** C#, .Net, MS SQL, SVN, Agile, Ninject, LINQ, Postsharp, NUnit.

- Optym have applied optimization & AI algorithms to some of the largest transportation companies including top railroads and airlines.

## Infosys

Software Engineer     🗓 Aug 2012 - Oct 2015     📍 Chandigarh, India

- Enhanced Report Generation module for BASEL-3 and bug fixes.

- Worked on Data Warehousing project in which report generation is done after a complex ETL process.

- Feature development, enhancements and maintenance for multiple projects (client: American Express): 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

- **Tech-stack:** Mainframe, COBOL, MS-SQL, Linux, Perl, HTML, CSS, Js

- Infosys (NYSE: INFY) is a well-known MNC known for it's IT Solutions and Services, Consulting, Business Process Outsourcing, Products and Platforms, Engineering Services.

# 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.