# VIKAS KAUSHIK

**Lead Software Engineer | 💼 12+ Years**

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# Experience

## EPAM

Lead Software Engineer    📅 Sep 2023 - Present    📍 Gurugram, India

- **Tech-stack:** Golang, Kubernetes, Docker, Helm, gRPC, Prometheus, Grafana, Postgres, GitHub Copilot, ChatGPT, Claude, MCP Agent

- Developing DDI suite services and APIs for niche clients with high scalability and availability requirements.

- Design and develop data discovery pipelines for Asset Insights and Visibility.

- Mentor, onboard and lead EPAM teams towards engineering excellence.

- Leveraged AI/LLM tools (Copilot, ChatGPT, Claude) to accelerate development, improve code quality, and foster innovation within the team.

## Walmart

SDE-IV    📅 June 2021 - Sep 2023    📍 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.

# About 👤

- Experienced software engineer skilled in developing scalable & reliable distributed systems, setting up project structure, monitoring, CI/CD, and DevOps.
- Strong background in architecting enterprise services, data pipelines, SRE, and leading adoption of AI/LLM tools (GitHub Copilot, ChatGPT, Claude, MCP agents) to drive innovation and productivity.
- Lead tech teams, 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` `GitHub Copilot` `ChatGPT` `Claude` `MCP Agent`

**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

- 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.

### 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.