

VIKAS KAUSHIK

Senior Software Engineer | 📅 10+ Years

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Experience

Walmart

SDE-IV

📅 June 2021 - Present

📍 Bengaluru, India

- 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,
- I work with Site Reliability Engineering and Platform Team, responsible for designing and implementing solutions at Walmart scale for different teams.
- Developed and maintained critical parts of telemetry services that ingest and store multi-million metrics per second in petabyte volumes.
- Crafted crucial parts of auto-scaling and anomaly-detection services.
- Delivered production grade enterprise microservices that are scalable, reliable and maintainable.
- Implemented showback modules to quantify the telemetry platform usage by different teams in terms of dollar cost.
- Tech-stack:** golang, kubernetes, GCP, Kafka, operators, SRE, Devops, prometheus, grafana, M3, Multi-cloud, DR.

ThoughtWorks

Application Developer

📅 October 2018 - April 2021

📍 Pune, India

- 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.
- Lead 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.

About 🧑

I'm a Software Engineer with an inherent zeal for quality and got 10+ years of hands-on experience in designing and developing software systems. I like to be among empathetic intellectuals & first principle thinkers. I love to work in an environment that has high regard for inclusivity, diversity, creativity, sustainability and collaboration.

Skills </>

Keywords

Golang C# Kubernetes
Site Reliability Engineering
Prometheus K8s Operator
Docker Kafka Grafana
OAuth Linux SQL Git

Software Engg.

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

Education 🎓

B.Tech. Information Technology

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

M.S. in Computer Science

BITS Pilani, WILP
July 2016 - July 2017
(Two Semesters)

Experience

Ciena

Senior Software Engineer  Jul 2017 - Sep 2018  Gurugram, India



- Ciena (NYSE:CEN) is a global leader in optical and routing systems, services, and automation software.
- Developed and enhanced an existing 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

Optym

Senior Software Engineer  Nov 2015 - Jul 2017  Bengaluru, India

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

Infosys

Software Engineer  Aug 2012 - Oct 2015  Chandigarh, India

- 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.
- 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

Languages

English - Professional

Hindi - Native

Strengths

Honest Empathetic

Communication skills

Analytical Adaptable

Collaborative Innovative

Holistic-approach

Process-oriented

Hobbies

Meditation Yoga Hiking

Running Swimming