

VIKAS KAUSHIK

Senior Software Engineer | 📅 10+ Years

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Experience

Walmart

SDE-IV

📅 June 2021 - Present

📍 Bengaluru, India

- Worked with Site Reliability Engineering and Platform Team, responsible to design and implement solutions at Walmart scale for hundreds of teams.
- Developed and maintained parts of telemetry services that ingest and store multi-million metrics per second in petabyte volumes.
- Developed and designed auto-scaling and anomaly-detection services.
- Delivered production grade enterprise microservices which are scalable 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

- Took complex projects from inception stage to successful delivery.
- Lead team of 5-10 engineers to design, develop and deliver fast-paced projects.
- Designed and developed scalable 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 Internationalization support using React-redux, Material UI, Jest.
- Worked with different clients i.e. Babylon (UK), CXA (Singapore), Tesco (UK), IDFC.
- 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.

Skills </>

Keywords:

Golang ; C# ; Kubernetes ; Site Reliability Engineering ; K8s Operator ; Prometheus ; Grafana ; Docker ; Kafka ; Git ; OAuth ; Linux ; SQL ; React-Redux ; Cassandra ; GCP ; Azure

Software Engg.:

Enterprise Microservices ; System Design ; Scalable and Reliable Systems ; 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 (50% Done)
July 2016 - July 2017

About Me 👤

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.

Experience

Ciena

Senior Software Engineer  Jul 2017 - Sep 2018  Gurugram, India

- 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 micro-services 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

- 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 revolutionizing how less than truckload shipping (LTL) carriers 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.
- Tech-stack: C#, .Net, MS SQL, SVN, Agile, Ninject, LINQ, Postsharp, NUnit.

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 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