

Vikas Verma

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Summary

- Seasoned software engineer with **20+ years of experience** driving innovation and delivering scalable solutions at startups and enterprises like Microsoft, GoGuardian and OneSignal.
- Expertise in **backend systems, cloud-native architectures**, and AI-driven features, with a proven track record of leading teams / mentoring engineers and driving 10x improvements in engagement, performance, and scalability.
- **Skills & Expertise**
 - **Expert:** Go, Python (Django & Flask), Node JS, Postgres, Mongo, ScyllaDB, Redis, Kafka, Kubernetes (k8s), Kustomize, Helm, Terraform, Terragrunt, and Ansible.
 - **Intermediate:** React, Angular, TypeScript, Tailwind, Chakra, Material UI, Ant Design
 - **Cloud-Agnostic:** Comfortable deploying to GCP, AWS, Azure, DigitalOcean, and Hetzner.
- **Founder Experience:** Singlehandedly bootstrapped & incorporated a marketing project. Complete tech stack with React/Chakra/Node frontend and Go/Kafka/Redis/Postgres backend. From concept to launch all in 4 weeks. Available at www.awwsm.co

Work Experience

Company: GoGuardian

Title: Engineering Manager (Technical)

Duration: Aug 2022 to present (2.5 years)

- Led development of backend services in Golang, delivering a scalable microservices architecture that reduced latency by **30%**, improved system uptime to **99.99%**, and supported over **1 million users**.
- Integrated AI-driven features with OpenAI, Claude, and in-house models, increasing user task efficiency by **40%** and enabling advanced capabilities for over **400,000 students**.
- Spearheaded integration of the TutorMe platform into GoGuardian's ecosystem post-acquisition, collaborating with **10+ cross-functional teams**, resulting in seamless support for 2M+ students across product lines.
- Interviewed over **100 candidates**, **Hired 20+** Sr/Staff engineers, **off-boarded 5+** engineers. Mentor for new recruits of Staff/Principal engineers

Company: OneSignal

Title: Senior Software Engineer

Duration: Aug 2020 to Aug 2022 (2 years)

- Scaled a high-volume notification platform processing **10+ billion notifications daily**, achieving **50% fewer deployment failures** and **20% faster delivery speeds** via optimized CI/CD pipelines.
- Refactored ingestion systems using Rust, Kafka, and Go, reducing partner integration time from **2 weeks to 2 days** while maintaining **99.99% uptime**.
- Designed and launched backend support for WebSDK, enabling new product features that increased user adoption by **15%**.
- Integrated 2-way with partners and third party systems (Amplitude, Adobe, Segment, MixPanel) to sync over **10mm requests per day**

Company: Sight Machine

Title: Senior Software Engineer

Duration: Aug 2019 to Aug 2020 (1 year)

- Architected cloud orchestration platform for distributed task processing, reducing manual operations by **90%** with Python/Flask and Celery.
- Implemented Kubernetes operators to manage multi-cloud deployments across GCP and AWS, overseeing **100+ daily container deployments**.
- Achieved **\$250K annual cost savings** by implementing intelligent auto-scaling with custom metrics and Prometheus.

Career Break - Duration May 2019 - Aug 2019 (4 months)

- Focused on learning and scaling large scale systems
- Travelled and networked to grow my professional network
- Took care of family

Company: Condeco (acquired by Eptura)

Title: Head of Engineering

Duration: Oct 2011 to Apr 2019 (7.5 years)

- Joined as **#2 engineer**, growth hacker, worked on multiple green field projects, architected from scratch and **scaled to 1000s of customers** making **millions of bookings** every day.
- Launched Scheduling Engine to book Room/Desk/Parking Spaces/ Video Conferencing via C# / .net core. Rearchitected to launch as SaaS offering with **multi-tenancy on Azure Cloud**
- Built high-performing teams through rigorous recruitment and mentorship, maintaining engineer retention by **80%**.
- Worked on Exchange Web Services integration to create 2 way sync between Condeco and Exchange Server meetings

Company: Microsoft (India)

Title: Escalation Engineer

Duration: May 2006 to Oct 2011 (5.5 years)

- Delivered hot-fixes, service packs, and bug fixes for both Exchange and Outlook, reducing critical issue resolution time by **40%**.
- Created internal tool EWS Editor (later open-source to community), streamlining troubleshooting and cutting EWS test/debug cycles by **50%**.
- Wrote API code samples in .Net, C#, ASP.net, PowerShell, VBScripts, JScript's for

<https://blogs.msdn.microsoft.com/vikas/>

- Shipped Exchange 2007, 2010 & Outlook 2010, VSTO & other Office SDKs

Side Projects

| **Awwsm.co**

Developed and launched **Awwsm.co**, a fully operational marketing platform and URL shortener, showcasing expertise in full-stack development and cloud deployment.

- **Tech:** Built with **React** and **Chakra UI**, ensuring a modern and responsive user interface powered by **Go**, leveraging **Kafka** for job queues, **Redis** for caching, and **PostgreSQL** for data storage, ensuring scalability and performance.
- **Analytics:** Integrated real-time link tracking and performance metrics using custom APIs.
- **DevOps & Infrastructure:** Deployed employing **Kubernetes**, Kustomize for automated scaling and management.
- Completed the entire development lifecycle, from concept to production, in just **4 weeks**.

Education & Certifications

- **2024 - Multiple AI courses** - DeepLearning.ai
- **2024 - AI Essentials** - Google Certification (Coursera)
- **2020 - UX Design Essentials - Adobe XD** - Udemy
- **2013 - Certified Scrum Master** - ScrumAlliance
- **2011 - Project Management Professional** - PMI
- **2001 - 2004 - Bachelor in Computer Science** (Overall score 80%)