

VIPAN KUMAR

Engineering Leader — Platform, Cloud & Product Delivery

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Eligible to work in Canada without sponsorship • Available immediately

15 yrs

ENGINEERING
LEADERSHIP

21

DIRECT-REPORT ORG LED

40%

RELEASE VELOCITY GAIN

22%

CLOUD COST CUT

CAD 200K

ANNUAL SAVINGS
DELIVERED

PROFESSIONAL PROFILE

15 years building software products, cloud platforms, and engineering teams. Most recently led a 21-person technology organisation at OnGrid. Previously managed a 25-person team at Dresma and built engineering functions from the ground up at Gigforce and Signcatch. Background combines people leadership with hands-on experience in AWS, distributed systems, Java, Kafka, Kubernetes, Terraform, DevOps, and applied AI.

LEADERSHIP & TECHNICAL SCOPE

Team Building • Multi-Team Delivery • Hiring & Performance Management • Platform Engineering • Cloud Architecture • DevOps/SRE • Distributed Systems • Applied AI

PROFESSIONAL EXPERIENCE (2016–2026)

Associate Director of Engineering | OnGrid

Mar 2025 – Jul 2026

Background-verification SaaS for regulated banking and financial-services clients; 21-engineer technology organisation.

- Led a 21-person technology organisation with 10 direct reports across backend, frontend, QA, DevOps, and application engineering; delegated delivery through functional leads.
- **+40% release velocity, -35% incidents** — introduced weekly releases, strengthened CI/CD controls, and clarified production ownership.
- **10x Kafka throughput** across 13 topics without adding infrastructure — diagnosed and resolved a JVM concurrency bottleneck.
- **-22% AWS cloud costs, 99.95% uptime** — achieved through RDS rightsizing, CloudWatch observability, and FinOps discipline.
- **8.5 hrs/engineer/week saved** — ran an AI-assisted development pilot with 15 engineers; usage data and team feedback supported broader adoption.
- Managed the annual appraisal cycle for 10 direct reports, including performance reviews, development planning, and underperformance cases.
- Delivered 13 production database upgrades with zero unplanned downtime by executing controlled MySQL and Debezium CDC version migrations.

Technical Architect & Lead Engineering Manager | Dresma Inc.

Feb 2022 – Mar 2025

AI-powered product-content SaaS serving 50,000+ e-commerce brands and processing 9M+ product images.

- Managed 25 engineers over three years, with responsibility for platform architecture, product delivery, infrastructure, and team development.
- **99.9% uptime, 3x release acceleration** — sustained by building a multi-tenant AWS platform for 50,000+ brands and 9M+ product images.
- **CAD 200,000/yr cloud spend reduction** — without reducing capacity, by optimising reserved/spot usage, rightsizing resources, and eliminating idle infrastructure.
- Managed two appraisal cycles for a 25-person team and promoted four engineers into senior positions, with responsibility for performance and compensation recommendations.
- Delivered production generative-AI workflows for product attributes, listing content, and batch image editing.
- **3x traffic spikes absorbed** without manual intervention — by designing PostgreSQL scaling, Kubernetes autoscaling, and reusable Terraform modules.

Senior Software Architect | Gigforce

May 2021 – Feb 2022

Early-stage gig-workforce marketplace serving enterprise clients across 30+ cities.

- **0→15 engineers, 4-month launch** — built the engineering team and launched the marketplace by leading recruitment, architecture, delivery practices, and development of matching, e-KYC, rostering, and payouts services.
- **-60% deployment failures, -50% MTTR** — introduced CI/CD automation and a formal on-call model.

Technology Head | Signcatch Inc.

Sep 2019 – May 2021

B2B omnichannel retail-commerce platform spanning point of sale, product catalogue, inventory, and distribution.

- Built and led a 25-engineer technology function during company restructuring by establishing the team, operating model, modular ownership, and delivery processes from the ground up.
- **100,000+ organic app downloads** in six months — achieved by replacing a legacy monolith with a modular service-based omnichannel POS and retail-commerce platform.
- Stabilised delivery following a funding-related restructuring, retained critical engineers, hired key personnel, and addressed persistent underperformance.
- **First ISO 27001 certification** for the company — delivered by establishing VAPT, OWASP-aligned security practices, and reusable GDPR consent-management controls.

Lead Software Scientist | Jubilant FoodWorks (Domino's India)

Aug 2018 – Sep 2019

National-scale restaurant ordering platform supporting 4,000+ Domino's and Dunkin' outlets.

- **20-minute delivery SLA** across 4,000+ outlets — integrated order management with aggregators, five payment gateways, and demand forecasting.
- Scaled national digital-ordering operations: real-time availability, dynamic taxation, multilingual interfaces, aggregator integrations.

Technical Lead | Koovs

Nov 2016 – Aug 2018

- **2,000→6,000 orders/day** — tripled order-processing capacity without increasing warehouse headcount by automating supply-chain and inventory workflows.

Technical Team Lead | V5 Global Services / Infield Infotech

Mar 2016 – Nov 2016

Led architecture, client delivery, development, QA, and deployment for retail ERP and kiosk platforms. FirstMeridian subsequently acquired the company.

EARLIER ENGINEERING EXPERIENCE (2011–2016)

- **Technical Lead, Lenskart** (Jun 2013 – Feb 2016): built online, offline, B2B, and B2C systems supporting 10,000 concurrent orders, home eye-check routing, booking, and virtual try-on.
- **Software Scientist, Samsung R&D Institute** (Feb 2012 – Jun 2013): contributed to the Tizen OS WebKit 2 browser engine and 3D graphics drivers across mobile, TV, camera, and IoT devices.
- **Software Engineer, Aricent** (now Capgemini Engineering) (Sep 2011 – Feb 2012): developed OS-level telecom backend systems for NAT translation and call-routing.
- **Software Intern, SchoolPad** (Jan 2011 – Jun 2011): shipped a school ERP MVP in six months as part of a three-intern founding team.

TECHNICAL SKILLS

- **Cloud & Platform:** AWS, Kubernetes, Terraform, Docker, CI/CD, SRE, FinOps, observability, disaster recovery.
- **Architecture:** cloud-native SaaS, distributed systems, microservices, event-driven architecture, REST, gRPC, GraphQL.
- **Engineering:** Java, Spring Boot, Node.js, Python, JavaScript, TypeScript.
- **Data & AI:** Kafka, Debezium CDC, PostgreSQL, MySQL, MongoDB, Redis, generative AI, LLM integration, RAG.

EDUCATION & CERTIFICATION

- B.E., Computer Science & Engineering — Thapar University, 2011
- Diploma, Computer Science Engineering — Thapar Polytechnic, 2008
- **Leadership with AI** — Indian School of Business (ISB Online), Jan 2026. Credential ID: 8fca11be-3d39-4c0f-8441-4ba1a1315897 | Verify: credential.net/8fca11be-3d39-4c0f-8441-4ba1a1315897#acc.RDGSbAnQ