

Vamsi Krishna Srungarapu

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SUMMARY

Seasoned Software Engineer with 12+ years of experience delivering scalable, resilient systems across cloud-native platforms. Proven success in leading teams, building decentralized applications, and improving system reliability and observability. Strong background in distributed systems, DevOps, and backend development using Golang, Node.js, Python, and Java. Adept at cross-functional collaboration, driving product innovation, and mentoring engineers.

EXPERIENCE

Redpin — Staff Software Engineer *Hyderabad, India — May 2025 – Present*

- Leading B2B engineering initiatives to establish Redpin as an embedded payment gateway for property developer mobile applications, projected to onboard 10+ enterprise clients within the first year.
- Architecting and delivering a greenfield payments platform expected to generate **\$2.1M** in annual revenue for the company.
- Managing and mentoring a 7-member engineering team, improving delivery efficiency by 25% through structured code reviews, ADRs, and agile practices.
- Driving stakeholder alignment across product, design, and operations to ensure 95% on-time delivery for all major milestones.
- Actively contributing to backend development and production rollouts to maintain high code quality and system reliability.

1click.Finance — Founding Engineer & Tech Lead *Remote — May 2022 – May 2025*

- Led 5 engineers to build a DeFi platform with 1,000+ users and 1,500+ transactions.
- Designed and deployed an escrow-based smart contract system that allows prediction of slippage and transaction rollback, improves transactional transparency by 100% and ensures zero user fund custody.
- Developed a best-quote aggregation engine that consistently outperformed 0x pricing by 5–10%, increasing user savings and trading efficiency; integrated with 6 leading DeFi protocols including Lido, Aave, Axel, Balancer, LiFi, and Curve.

Microsoft — Senior Software Engineer *Hyderabad, India — Mar 2020 – May 2022*

- Enabled PDF conversion in Office mobile app.
- Delivered a proof of concept for integrating MetaOS app in office mobile web app
- Worked on Teams-WhatsApp integration as part of Buddh App under Microsoft Strategic Initiatives charter.

Indeed — Software Engineer II *Bengaluru, India — Feb 2019 – Mar 2020*

- Migrated core systems to Kafka, reducing high-severity production issues by 90%, and cutting inter-team synchronous dependencies by 80%.
- Scaled event pipeline to process 400M messages daily across 10 asynchronous systems.

Modak Analytics — Software Engineer *Hyderabad, India — Mar 2017 – Nov 2018*

- Designed Edge Node infra, onboarding 10 teams and decentralizing resource management.
- Managed 700-node clusters optimized for CPU, memory, and GPU workloads.
- Built and led a high-performing engineering team from the ground up, hiring 5 engineers and mentoring one junior engineer to a senior-level promotion, while driving overall technical direction.

Amazon — Software Development Engineer *Hyderabad, India — Sep 2016 – Mar 2017*
• Discovered and resolved a fraud prevention system loophole during onboarding.

Ionos Networks — Software Engineer *Bengaluru, India — Jan 2015 – Sep 2016*
• Built real-time analytics on streams from 20K devices emitting 800KB/min with 2.5-min latency.
• Led the migration of 20+ million records from MySQL to Cassandra, improving data scalability and reducing read latency by up to 40%.
• Spearheaded team expansion from 2 to 7 engineers through targeted hiring and mentorship, eventually assuming Tech Lead responsibilities.

Amazon, IIIT-Bangalore, Infosys — *Various Locations — Jun 2010 – Dec 2014*
• Early-career roles in backend systems and service delivery, developed full-stack expertise.

TECHNOLOGY STACK

- **Languages:** Go, Node.js, Java, Python, TypeScript, SQL
- **Cloud:** AWS, Azure, GCP
- **DevOps & Infra:** Kubernetes, Helm, Docker, Jenkins
- **Databases:** PostgreSQL, Redis
- **Messaging:** Kafka, RabbitMQ
- **Other:** Smart Contracts, DeFi Protocols, REST/gRPC APIs, Observability Tools

EDUCATION

MTech, Software Engineering — IIIT Bangalore

CGPA: 3.63 / 4.0