

VIVEK MANKONDA

Senior Software Engineer | 7 Years Experience

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Location: Hyderabad, Bengaluru, Pune, India (Remote)

PROFESSIONAL SUMMARY

Senior Software Engineer with seven years of experience designing and delivering backend systems, workflow platforms, and full-stack products for fintech, insurance, and observability companies. Proven results in Terraform-based cloud automation, Camunda workflow orchestration, high-traffic service optimization, and FIX 2.0 trading integrations. Comfortable owning services end to end across Java, Spring, AWS, Kafka, and modern APIs.

CORE COMPETENCIES

Java | Spring Framework | Spring Cloud | Camunda | BPMN | DMN | Apache Kafka | AWS | Terraform | FIX 2.0 | PostgreSQL | Kubernetes | GraphQL | Python | TypeScript | Fintech | Insurance

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python

Backend and APIs: Spring Framework, Spring Cloud, ExpressJS, NestJS, REST, GraphQL, WebSockets, Webhooks, HTTP 2.0, FIX 2.0

Workflows and Messaging: Camunda, BPMN, DMN, Kafka, Kafka Streams, RabbitMQ

Cloud and Platform: AWS, Terraform, CloudFormation, Docker, Kubernetes

Data and Observability: PostgreSQL, MongoDB, DynamoDB, Elasticsearch, Redis Cache, Grafana, New Relic, Logstash

PROFESSIONAL EXPERIENCE

Builder, Footsteps Space, Remote

June 2025 to Present

- Shipped end-to-end mobile product that turns trips into structured travel stories with maps, photos, and sync.
- Built backend, native client, and public web presence for a consumer travel storytelling platform.

Senior Software Engineer, New Relic, Bengaluru, India

January 2025 to May 2025

- Automated enterprise customer onboarding with Terraform.
- Implemented Infrastructure-as-Code modules for thousands of AWS accounts; replaced manual UI configuration with auditable telemetry pipelines at scale.
- Reduced mean time to resolution by 37 percent.

Software Development Engineer 3, Acko, Bengaluru, India

March 2023 to July 2024

- Architected workflow-first backend using Camunda, BPMN, and DMN for health insurance operations.
- Modeled long-running business processes and automated critical state transitions.
- Reduced medical checkup turnaround time from 17 days to 3 days.

Senior Software Engineer, Gameskraft Technologies, Bengaluru, India

April 2022 to March 2023

- Optimized high-traffic backend architecture for reliability and performance under load.
- Reduced AWS infrastructure costs by 38 percent.

R&D Engineer Backend, Needle Innovision, Pune, India

October 2018 to March 2022

- Built FinchMoney fintech platform with pooled brokerage architecture and fractional share accounting.
- Integrated FIX 2.0 trading protocols and reconciled real-time spending with asynchronous market settlements.
- Delivered liquidity management and settlement workflows for consumer investing.

Software Engineer, Thoughtclan Technologies, Hyderabad, India

August 2017 to August 2018

- Developed internal automation tools to improve operational efficiency.

OTHER SIDE PROJECTS**Emu Event Assistant, 2026**

- Built lightweight assistant for small hosts to track guests, payments, and expenses.

gh-ruleset-sync, 2026

- Built GitHub CLI tool to apply and audit repository rulesets across many repositories.

Borderless Buy / One Day Baby, 2026

- Built shopping comparison tool for local versus abroad prices with landed-cost context.

my-fi, 2026

- Built local-first application that turns bank CSV exports into a searchable personal finance ledger.

EDUCATION**Bachelor of Technology in Computer Science and Engineering**

Heritage Institute of Technology, Kolkata, India, 2013 to 2017