

SUNILKUMAR KALABANDI

Senior Software Engineer | Java & Spring Boot | Banking & Payments

Dubai, UAE | +971-585077967 | sunilkumar.kalabandi@gmail.com

linkedin.com/in/sunilkumar-kalabandi | github.com/sunilnjc

Portfolio: viewmywork.dev

SUMMARY

Senior software engineer with 11+ years building banking, payments and trading systems. Core expertise in Java/Spring Boot, distributed systems, enterprise integrations and cloud migration, complemented by Python, Node.js and React. Independently built and deployed crypto/Web3 and AI applications.

TECHNICAL SKILLS

Languages and frameworks: Java 17, Python, JavaScript, TypeScript, Spring Boot, FastAPI, Node.js, Express, React, Next.js, REST APIs, Azure AD SAML-based SSO

Crypto and Web3: EVM/RPC, viem, wagmi, wallet integration, transaction simulation, on-chain analytics

AI and LLM: OpenAI, Anthropic, Ollama, RAG, embeddings, tool calling, structured outputs, prompt-injection defenses

Data and platforms: Kafka, Redis, MongoDB, PostgreSQL, SQL, Docker, Kubernetes, OpenShift, Oracle Cloud Infrastructure (OCI), CI/CD, ELK, Grafana

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Emirates NBD (via Bitech Middle East)

Dubai, UAE | Oct 2023 - Present

- Architected and scaled CPR Explorer for Corporate & Institutional Banking to process over 300 million records per month. Engineered MongoDB pipelines, optimized pivot queries and raw-record CIF 360 drill-downs; integrated an LLM through the bank's governed LEAP AI gateway.
- Led KSAX Localization migration of 20+ mission-critical services to OCI KSA; reusable Vault, Kafka ACL and deployment automation reduced manual effort by approximately 90%.
- Delivered Global Transactions, Digital Signatures and Push Notifications services using Java/Spring Boot, Node.js, React, Kafka, Redis, MongoDB and OpenShift.
- Implemented Azure AD SAML-based single sign-on (SSO) for enterprise application authentication.

Senior Java Developer | ADSS (via Halian)

Abu Dhabi, UAE | Nov 2022 - Sep 2023

- Built enterprise reporting, data-warehouse solutions and ETL pipelines with Java, Spring Boot, Databricks, Apache Spark and SQL for a regulated trading firm.

Software Engineer | Emirates NBD / Arab Bank (via Bitech and 3i Infotech)

Dubai, UAE | Jul 2019 - Nov 2022

- Developed Beneficiary V2 and contributed to Transfers services for Emirates NBD's ENBD X platform, which served 1.6 million customers at year-end 2025.
- Delivered 40+ E20 and Tablet Banking 2.0 enhancements; ELK/Grafana monitoring reduced MTTR from hours to minutes and improved uptime to 99.99%+.

Earlier experience: Fujitsu Consulting (2017 - 2019) | Capgemini (2014 - 2017)

Banking, payments, card integrations and enterprise operations.

SELECTED DEPLOYED PROJECTS

RiteStack | Subscription Management | Next.js, TypeScript, Supabase, Cloudflare

Live: ritestack.app

- Built and deployed a subscription decision app with renewal tracking, spending summaries and keep/cut/pause workflows using Next.js and Cloudflare Workers.
- Implemented Supabase magic-link authentication and per-user row-level security; integrated Paddle checkout with verified webhooks for payment entitlement.

BullsOf2028 | Crypto Intelligence | React, Next.js, TypeScript, Cloudflare D1

Live: bullsof2028.com

- Built a live crypto intelligence platform covering Solana, Ethereum, BNB Smart Chain, Base and Robinhood Chain.
- Integrated CoinGecko, DexScreener and GoPlus APIs with scheduled ingestion, D1 SQL caching, deterministic rankings and data reconciliation.

The Job Pursuit | Python, FastAPI, React, TypeScript, OpenAI, Ollama

Beta: www.thejobpursuit.com/beta | Source: github.com/sunilnjc/job-search-agent

- Built an AI pipeline that ingested and scored 10,500+ postings across five sources using local embeddings and hosted LLMs; generated resumes and cover letters through tool calls grounded in approved facts, with prompt-injection defenses and candidate-reviewed application assistance.

EDUCATION

Bachelor of Engineering, Computer Science | CBIT, Hyderabad, India | Distinction / First Class