

# Nithin SJ

[hey\\_nithinraj@gmail.com](mailto:hey_nithinraj@gmail.com) | [n7j.in](https://n7j.in) | [github.com/humanbeeng](https://github.com/humanbeeng) | [+91-94825-40097](tel:+91-94825-40097)

## EXPERIENCE

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### Co-founder & CEO

Jan 2026 - May 2026

*Basegraph, Inc.*

*Bangalore, IN*

- Built **Relay**, an AI teammate for engineering teams across Slack, Linear, and GitHub.
- Orchestrated work across people: one DM to Relay "Acme is churning", had Relay read its team graph (who owns what, who decides what), pick the engineer for fix timing, the PM for prioritization, and the CS lead for the account, and DM each in their own thread with role-fit context.
- No agent session primitive. Relay orients within **markdown graph** of work and people.

### SDE-3

Feb 2025 - Jan 2026

*Convin*

*Bangalore, IN*

- Led Voicebot team of 4 engineers. Re-architected outbox-based call dispatch to scale the Voice AI platform **33x (30K to 1M calls/day, ~24M/mo)** with zero-downtime releases.
- Built a document ingestion pipeline processing unstructured data (thousands of audio files and customer PDFs) to create agent's call script, FAQ, and retrievable knowledge base. **Cut client onboarding from 1 week to a day.**
- Diagnosed and fixed a critical reliability bug in the call pipeline affecting **~25% of daily calls** across all clients and campaigns; recovered them and drove a major CSAT improvement, with the fix rolled out org-wide.
- Built an event-driven call-status subscription flow streaming the full call lifecycle to clients' CRMs in realtime via REST webhooks, eliminating manual reconciliation. **5.6M updates every day.**

### Senior Software Engineer

Aug 2021 - Feb 2025

*Perfios*

*Bangalore, IN*

- Led Account Aggregator Integration at 3 YOE, leading two senior engineers (5.5 and 8 YOE) to convert one off decision lending reports into recurring ones for financial institutions in APAC regions. **Resulted in 300% increase in reports volume.**
- Developed Consolidation Report API aggregating existing transactions of same PAN, **cutting customer cost by ~75%**
- Provisioned reports with custom data points for **12+ financial institutions, directly contributing to a 30% revenue increase.**
- Built a **PII Masking Service** for **SOC 2 and ISO 27001** audit preparation, masking **2M+ production records** with zero corruption and referential integrity preserved.

## PROJECTS

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### Codegraph | *Go, ArangoDB, Neo4J*

*Link*

- Built a **Graph based code search engine** for Go inspired by **LSIF** and **SCIP**, leveraging **go/types** and **go/ast** to emit an index capturing function calls, variable declarations, inheritance, implementations, and module imports
- Benchmark: Indexes etcd codebase (200k LoC) within 10.2s. Beat top coding agents at blast radius analysis while being 13x faster and 14x cheaper.

### Checkpost - Open Source Webhook Inspection Platform | *Go, Sveltekit*

*Link*

- Open-source webhook inspector replacing ad-hoc ngrok tunnels for testing report webhooks Perfios sends to 40+ financial institutions; served **~1M inspection** before retirement.

## EDUCATION

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### Dayananda Sagar College of Engineering

Bangalore, IN

*Bachelors in Computer Science - CGPA 8.64*

*Aug. 2017 - May 2021*

## TECHNICAL SKILLS

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**AI:** LLM agent orchestration, RAG Pipelines, Graph RAG, Harness engineering, MCP, Context engineering, Agentic memory systems.

**Languages:** Go, Java, Kotlin, TypeScript, JavaScript, Python, SQL, Cypher

**Frameworks:** Claude Agent SDK, Codex SDK, FastAPI, NextJS

**Tooling:** Git, Docker, Kafka, Kubernetes, Sandboxes