

Neeraj Skanda B R

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PROFESSIONAL EXPERIENCE

BETSOL LLC

Bengaluru, Karnataka

Software Engineer

Jan 2025 – Present

- Built a Salesforce-integrated licence reconciliation backend for an enterprise software-asset programme: X.509/RS256 JWT-bearer OAuth across two orgs, a paginated SOQL ingestion pipeline (~1.2K entitlement rows) with a config validator, parse-dispatch whitelist and count-mismatch alerting; loaded multi-year contract entitlements to drive cost-savings reporting.
- Surfaced silent reconciliation defects before they reached dashboards (identifier mismatches, a seat-collapse coalesce bug, soft-failing pagination) and authored a clone-safe capture/restore plan that preserved the full build across a prod-to-dev environment refresh.
- Owned Azure Blob archival-tier research and delivery for Zmanda Pro, landing a \$212K customer deal: proved full-repo archival infeasible, designed selective archival with Cool-tier retention that keeps recovery available on demand, and built [StorageManager's](#) token-authenticated provisioning API, Azure Function App wrapper and Cool-to-Archive lifecycle ensurer in Go; merged with zero review changes and a 5x costed savings case.
- Architected an AI-driven infrastructure discovery and self-healing agent for 200+ telephony systems and workloads across 3 departments: scans subnets, fingerprints services and reads long-running logs via service tracers to predict traffic and detect degradation; auto-recovers failing systems with exponential-backoff retries, maps each service to its owner for instant downtime alerts, and surfaces live status on a monitoring dashboard.
- Built and rolled out the organisation's Claude Code plugin marketplace, authored smart-pr (multi-VCS branch detection, risk-graded diff categorisation, auto PR bodies), a multi-surface unit-test generator (Command/Skill/Subagent with TDD-loop support) and Go best-practice skills; demoed live to ~50 engineers.
- Engineered a distributed Python backup manager on Linux wrapping Restic, MySQL and Oracle RMAN via Celery task queues for multi-channel point-in-time recovery; cut restore time 66%, recovered ~\$50K/yr product value. [MySQL Docs](#), [Oracle RMAN Docs](#)
- Shipped WebSocket health checks, Prometheus custom exporters and React dashboards for 300+ distributed Linux workloads, cutting manual monitoring 80%; automated Azure provisioning and CI/CD with Ansible, with autoscaling and deployment strategies cutting cloud spend 30% within SLAs.

Associate Software Engineer

Jul 2023 – Dec 2024

- Spearheaded async-safe REST APIs for port monitoring and a system service manager on Linux for Zmanda; defined API contracts and SLAs with product/SME stakeholders, dropping startup latency 30%. [Services Docs](#)
- Built a RAG-based [support chatbot](#) and Python backend connectors; modular, testable, observable design cut support tickets 70% and query response from 24 h to <1 min.
- Architected a distributed ingestion platform sustaining 8,500+ concurrent writes with autonomous rate-limit guards and throughput tuning; contributed to multi-tenant cloud architecture discussions with SMEs.

Propall – React + Tailwind CSS web application

- Translated Figma designs into a reusable React + Tailwind CSS component library and responsive interface, cutting UI defects and improving load speed and cross-browser compatibility.

SKILLS

Backend: Python, Go, FastAPI, Django, NodeJS, REST, WebSockets, gRPC/TCP, Celery, SQL, MySQL, Bash

Cloud & DevOps: Azure (Blob, Functions), Kubernetes, Docker, Ansible, Jenkins, CI/CD, Argo CD, Prometheus, Grafana, ELK, Nginx

Integrations & Auth: OAuth 2.0 / JWT (RS256), X.509, Salesforce SOQL, RabbitMQ, Redis, Git

AI Engineering: Claude Code (skills, plugins, sub-agents), MCP servers, RAG, Copilot Studio, Azure ML Studio

Frontend: React, JavaScript, Tailwind CSS, HTML, CSS, Figma

CERTIFICATIONS

Claude Certified Developer – Foundations – Credential ID: 46256845-2fb0-4d4b-b7b8-30671df08c14

Aug 2026

Microsoft Azure AI Fundamentals – Credential ID: AB2AA976F2A8C000

Jan 2025

Google Cloud Skills Boost (Qwiklabs) – Credential ID: 77eec8ba-646b-4bff-a637-ad2b05dfdbee

2023

AWARDS

- Spot Award at BETSOL (2x)
- Team Excellence Award at BETSOL (4x)

Oct 2024, Jul 2025

Jan 2024, Aug 2024, Jan 2025, Jan 2026

EDUCATION

R N S Institute of Technology – Bachelor of Engineering in Information Science

Aug 2023