VISHNU PRASAD

Senior AI Engineer | Agentic AI and Backend Platforms

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PROFESSIONAL SUMMARY

Senior engineer with 9+ years of software engineering experience across backend platforms, distributed systems and cloud services, including recent work in production AI. Builds agentic systems, retrieval augmented generation (RAG) pipelines and LLM evaluation frameworks using Python and Go. Combines architectural ownership, secure data pipelines, observability and testing with hands-on delivery and mentoring. Delivered enterprise security platforms serving 50+ customers with 99.9% uptime.

TECHNICAL SKILLS

AI engineering: Agentic AI, multi-agent systems, RAG, LLM integration and evaluation, prompt engineering, embeddings, semantic search, LangGraph, CrewAI, LangChain, AutoGen, OpenAI Agents SDK

Languages and backend: Python, Go, Rust, JavaScript, TypeScript, FastAPI, Django, Flask, Celery, SQLAlchemy, Pydantic, REST and GraphQL APIs

Systems and cloud: Distributed systems, microservices, event-driven architecture, AWS (EKS, Lambda, S3, SQS, RDS, API Gateway), GCP, Azure, Docker, Kubernetes, Terraform, CI/CD

Data and reliability: PostgreSQL, Redis, MongoDB, Kafka, RabbitMQ, Pytest, test-driven development, OpenTelemetry, distributed tracing, Prometheus, Grafana

AI development tools: Claude Code, Codex, Cursor

PROFESSIONAL EXPERIENCE

Senior Agentic AI Engineer | Scopely

Jul 2026 - Present | Bengaluru | Hybrid

- Enable AI adoption and build applications within the central GenAI team, translating product requirements into application designs and implementation plans.
- Enabled company-wide AI observability using OpenTelemetry, providing visibility into AI usage across the organization.
- Co-developed multi-agent workflows for product feature delivery, coordinating coding agents and making technical implementation decisions.
- Review AI-generated code and validate implementations through testing, taking responsibility for delivered feature quality.

Senior Backend Developer | HeyMarvin

Dec 2025 - Apr 2026 | India | Remote

- Owned the backend data-ingestion layer for an AI-powered qualitative research platform, from architecture and delivery to deployment and stakeholder communication.
- Designed Python/Django services and FastAPI workers for high-volume video uploads, asynchronous processing, webhooks and third-party integrations.
- Built retrieval and data pipelines using PostgreSQL, Redis and Amazon S3 to support downstream AI workflows and intelligent document retrieval.
- Implemented PII detection and redaction, event persistence, audit logging and Pytest coverage to improve data safety and API reliability.

PROFESSIONAL EXPERIENCE CONTINUED

Senior Technical Lead / Senior Software Engineer | Trend Micro India Pvt Ltd

May 2023 - Nov 2025 | Bengaluru | Hybrid

Senior Technical Lead: Aug 2023 - Nov 2025 | Senior Software Engineer: May 2023 - Aug 2023

- Led Python and Go backend delivery for Vision One SOAR and MXDR platforms serving 50+ enterprise customers with 99.9% uptime.
- Architected AWS EKS microservices and optimized Redis/PostgreSQL workloads for higher throughput, lower query latency and improved infrastructure efficiency.
- Built multi-agent automation for log analysis, case prioritization and threat hunting, reducing manual security investigations by 30%.
- Developed a RAG pipeline over 1,000+ security documents using embeddings and semantic search; built an evaluation framework comparing OpenAI, Anthropic and open-source models on accuracy, latency and cost.
- Delivered REST/GraphQL APIs and Python integrations for ServiceNow, Splunk and Microsoft Sentinel; mentored a 10-member engineering team on API design, TDD and CI/CD.

Senior Technology Lead / Technology Lead | Knowledge Lens Pvt Ltd

Jul 2018 - Apr 2023 | Bengaluru

- Progressed from Technology Lead to Senior Technology Lead, owning architecture and delivery of enterprise Python platforms.
- Built an IoT monitoring platform for 5,000+ devices using Kafka, Celery and Python microservices for real time telemetry and event-driven alerting.
- Developed license-management, network-automation and self-healing platforms using Django, PostgreSQL, SSH and Kafka, reducing manual provisioning, testing and support work.
- Designed REST APIs and AWS Lambda/S3 event pipelines for GLens and iLens analytics products; led code reviews, testing practices and Agile delivery.

Associate Software Engineer | Tech Mahindra Pvt Ltd

Oct 2016 - May 2018 | Bengaluru

- Automated secure SFTP/FTPS exchanges, Linux health checks and memory diagnostics using Python and shell scripting; handled production incident response and root-cause analysis while maintaining SLAs.

OPEN SOURCE PROJECTS

Multi-Agent Debugger | github.com/VishApp/multiagent-debugger

Python package for multi-agent log analysis and API-failure debugging, supporting OpenAI, Anthropic, Google and Ollama.

GemMate | github.com/vishapp/gemmate

Agent-team orchestration platform with search, file analysis, memory and an LLM evaluation dashboard.

CrewAI Master | github.com/vishapp/crewaimaster

Framework and CLI for creating and managing autonomous agents with memory and RAG context retrieval.

j2toon / mask-env | github.com/vishapp

Open-source Python utilities for JSON-to-TOON conversion, AI tooling and developer productivity.

EDUCATION

Bachelor of Engineering (B.E.), Mechanical Engineering | 2012 - 2016
Visvesvaraya Technological University, Mysore, Karnataka

SELECTED CERTIFICATIONS

Claude Certified Architect - Foundations, Anthropic Academy (2026); Claude with Anthropic API, Anthropic Academy (2025); Build a Microservice with Go, UC Irvine/Coursera (2022); Crash Course on Python, Google/Coursera (2020).