

ISHWAR KHAMBAYAT

Senior Full-Stack Software Engineer | Applied AI & LLM Systems

India | ishwark@zohomail.in | +91-8446217266 | [linkedin.com/in/ishwar-khambayat-584b32119](https://www.linkedin.com/in/ishwar-khambayat-584b32119)

PROFESSIONAL SUMMARY

Senior Python full-stack engineer with 10+ years of software engineering experience, specializing in Python-based backend and full-stack development. Proven track record building production-grade AI-powered products using LLMs, RESTful microservices, and scalable cloud architecture. Experienced in LLM integrations, AI automation workflows, and enterprise platforms, with a strong product mindset and ownership-driven execution. Skilled at collaborating with distributed teams in fast-paced, US-based product environments.

TECHNICAL SKILLS

Languages: Python, Perl, PHP, JavaScript, TypeScript

Backend & APIs: FastAPI, Flask, REST APIs, Microservices, Asynchronous Processing

Frontend: React.js, HTML5, CSS3, Bootstrap 5

AI / ML / LLM: LangChain, GenAI, Vertex AI, Document AI, OpenAI, Anthropic, Cohere

Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes (working knowledge), CI/CD (Terraform, Jenkins, GitHub Actions, GitLab CI, Azure DevOps), Redis, RabbitMQ

Engineering Practices: System Design, Data Structures, Secure Coding, Agile/Scrum, Code Reviews, Application Monitoring, Scalability

PROFESSIONAL EXPERIENCE

Senior Backend Engineer – Python Full-Stack / AI Systems

Mar 2026 – Present

AlikeThoughts Pvt Ltd (Client: LTM) | India

- Designed and delivered AI-enabled backend services using Python (FastAPI/Flask) supporting enterprise and SaaS platforms.
- Built LLM-powered automation workflows for intelligent document processing, AI-assisted decision support, and workflow automation.
- Integrated OpenAI, Anthropic, Cohere, and open-source LLMs using secure API orchestration and scalable microservice architecture.
- Architected cloud-native backend services using Docker containerization and Kubernetes orchestration.
- Built high-performance FastAPI REST APIs for enterprise-scale applications, improving API response time and supporting reliable processing of thousands of daily transactions.
- Implemented CI/CD pipelines, API security (OAuth2/JWT), logging, and monitoring best practices.
- Mentored junior developers and conducted code reviews to promote engineering best practices.

Senior Software Engineer – Python Full-Stack / AI Systems

Jun 2022 – Feb 2026

Tata Technologies Ltd | India

- Led end-to-end feature ownership for AI-enabled backend services, from architecture and implementation through production deployment.
- Built LLM-powered features for intelligent automation, text processing, and decision-support workflows using OpenAI and open-source models.
- Collaborated closely with product managers, AI engineers, and DevOps teams across US and global time zones.
- Enforced security, compliance, and data-privacy standards suitable for enterprise clients.
- Developed high-performance REST APIs supporting thousands of daily transactions across enterprise and SaaS products.

Senior Software Engineer – Python Full-Stack / AI Systems

Apr 2020 – Jun 2022

IDC Technologies Inc. (Client: Tata Technologies) | India

- Developed full-stack applications using Python, React.js, JavaScript/TypeScript, and relational databases.
- Implemented modular backend services with clean architecture and reusable components.

- Improved application performance and reliability through API optimization and database tuning.
- Delivered scalable, maintainable solutions for global clients within Agile cross-functional teams.

Software Engineer – Full-Stack Development

Jul 2019 – Apr 2020

AYN Infotech Ltd | India

- Engineered scalable applications using the PHP CodeIgniter framework, improving system reliability.
- Delivered customer-facing modules that improved user satisfaction scores and reduced support tickets by 20%.

Software Engineer – Full-Stack Development

Apr 2018 – May 2019

Ampkona Cloud Services Pvt Ltd | India

- Led complete SDLC for multiple client projects using the PHP CodeIgniter framework.
- Owned end-to-end module development, including design, architecture decisions, and deployment.

Software Engineer – Web Development

Sep 2016 – Mar 2018

Scalivity Inc. | India

- Built scalable modules that improved key business processes.
- Handled end-to-end support and deployment requirements.

Software Engineer – Web Development

Oct 2015 – Jun 2016

Technosoft System | India

- Assisted in coding, debugging, testing, and maintaining full-stack applications.

SELECTED AI & PRODUCT PROJECTS

AI-Driven Proposal Assist Docgen

- Implemented prompt pipelines and API integrations for intelligent decision-making.
- Improved operational efficiency by automating manual business processes.

Scalable Dashboard & Analytics System

- Built REST APIs and data pipelines using Python and PostgreSQL.
- Developed a responsive React.js UI for real-time insights.
- Ensured high availability and performance in production environments.

AI Chatbot for Query Assistance — Python, Flask, Cohere API

- Built a fully responsive AI chatbot for intelligent query resolution.
- Integrated the Cohere Chat API with a secure backend and dynamic UI.

Emulya API System — Python, React.js, SOAP

- Developed a SOAP API to fetch purchase request status for CV/PV business units.
- Owned backend architecture and API design.

Indirect Purchase System — Perl/CGI, MySQL

- Designed complete approval workflows (Global, Plant-specific, ARC).
- Automated a paper-based system into a digital portal, improving turnaround time.

EDUCATION

Master of Computer Applications (MCA)

North Maharashtra University, India | 2016