

HITESH GUPTA

AI Engineer | Full-Stack Developer | LLM & Prompt Engineering Expert

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PROFILE

Computer Science post-graduate with 6+ years of experience building AI-driven applications and full-stack systems. Specialized in Large Language Models (LLMs), AI agents, LangChain, and prompt engineering to deliver transformative automation. Proven experience in React, Node.js, Python, and cloud-native deployments on AWS. Focused on creating scalable, thoughtful systems that blend intelligence with clean user experience.

TECHNICAL SKILLS

- AI & ML: LLMs, LangChain, OpenAI, Prompt Engineering, AWS SageMaker, Bedrock
- Languages: JavaScript, TypeScript, Python, Node.js
- Frontend: React.js, Next.js, Angular, TailwindCSS
- Backend & APIs: Loopback 4, Flask, REST, GraphQL, OAuth
- Cloud & DevOps: AWS (Lambda, S3, EC2, DynamoDB, SageMaker), Docker, Kubernetes, Terraform
- Databases: PostgreSQL, DynamoDB, MongoDB
- Tools: Git, Jira, Camunda, Swagger, Kafka, SQS, BullMQ

EXPERIENCE

Technical Lead - SourceFuse Technologies (Aug 2023 - Present)

- Built scalable AI-integrated systems using TypeScript, Loopback, React
- Integrated LLM agents for code review, automation, support
- Mentored teams and led architectural decisions
- Deployed microservices on AWS

Senior Software Engineer - SourceFuse Technologies (Jul 2021 - Aug 2023)

- Built health and crypto platforms with React, Loopback, ML pipelines
- Delivered LangChain agents for operational automation

Software Engineer - SourceFuse Technologies (Aug 2020 - Jul 2021)

- Built SaaS systems using Loopback4, Postgres, AWS
- Developed gamified fitness apps using Kafka pipelines

Junior Software Engineer - SourceFuse Technologies (Nov 2018 - Aug 2020)

- Worked on dashboards, forms, campaign APIs, and mobility tools

EDUCATION

Thapar University - MCA in Computer Science (2016-2018)

Panjab University - BCA (2013-2016)

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CERTIFICATIONS

- AWS Certified Developer - Associate
- Introduction to Generative AI (Google Cloud)
- Introduction to Large Language Models (Google Cloud)
- Problem Solving - HackerRank (Basic)

OPEN SOURCE & PUBLICATIONS

- Loopback4 on AWS Lambda - Medium guide
- loopback4-dynamic-datasource - NPM package for multi-tenant DBs

LOOKING FOR

Roles in:

- Full-stack engineering (React, Node.js, Python)
- LLM Agents & Prompt Engineering (LangChain, OpenAI)
- AI Automation and Cognitive UX
- Cloud-native system design (AWS)

Open to remote and hybrid opportunities with impact-driven teams.