Neeraj Gupta

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LinkedIn: www.linkedin.com/in/neeraj1993 |
WWW: https://www.youtube.com/@NeerajTechTalks

Full Stack Developer & Generative AI Engineer with 10+ years of experience building scalable applications and distributed systems. Proven leader with a strong focus on system design, AI-driven workflows, and team collaboration across cross-functional groups.

Skills

- Java
- JavaScript
- React
- Node.js
- Docker
- Express.js
- RESTful APIs
- Git
- Scalable Architecture
- High-Availability Systems
- Langchain and Langgraph(Agentic workflows)
- Python
- Next.js
- AWS
- Spring Boot
- Kafka
- Jenkins
- Jira
- Microservices

Work History

Staff Software Engineer

Visa, Bengaluru, India   *August 2025 - Current*

I specialize in building and optimizing full-stack applications with modern technologies and generative AI, focusing on building intelligent agents, knowledge-driven chatbots, and scalable solutions using the latest AI frameworks.

What I Do:
- Design and integrate **REST APIs**, manage **databases**, and deliver robust **end-to-end solutions**
- Build **Generative AI Agent Builders** leveraging frameworks like **LangChain**, **Bedrock Agents**, and **Agentic AI**
- Develop **RAG-based (Retrieval-Augmented Generation)** systems with **vector databases** for efficient knowledge retrieval
- Implement **transformer models**, **fine-tuning techniques**, and deploy **chatbots on knowledge-base agents**
- Design scalable solutions using **vector search**, **embedding techniques**, and **custom fine-tuned models**
- Write and share **technical content** (blogs, documentation, newsletters) to engage and empower developers
- Collaborate with **developer communities** to solve real-world challenges
- Manage multiple projects with precision, balancing **deadlines** and **innovation**
- Continuously upskill and adapt to new technologies to stay ahead.

Generative AI Developer & Full Stack Developer

IRIS Software, Pune, India   *January 2020 - Current*

- Led distributed system design for applications serving millions of users with minimal latency.
- Migrated monoliths to microservices and improved performance by 25% using GraphQL.
- Used Kafka and AWS SQS for decoupled, reliable processing. Maintained 99.99% uptime with EC2, Lambda, and RDS.
- Delivered AI workflow tools using LangFlow for enhanced automation.

Open Source Contributor
OpenSource, Pune   *January 2025 - January 2025*
- Company Overview: LangFlow: https://www.langflow.org/
- Contributor to LangFlow: Helped enhance LangChain integration, build process improvements, and real-time orchestration features.
- Focused on streamlining the no-code/low-code AI builder experience by contributing to workflow management, component integration, and performance optimization.
- LangFlow: https://www.langflow.org/

Full Stack Developer
BLOCK8, Pune, India   *January 2018 - January 2020*
- Built real-time systems with AWS Lambda, API Gateway, and DynamoDB.
- Optimized APIs with GraphQL. Reduced latency by 50% using advanced caching.
- Designed scalable CI/CD workflows, reducing deployment times by 20%.

Full Stack Developer
Infosys Limited, Pune, India   *January 2015 - January 2018*
- Built real-time systems with AWS Lambda, API Gateway, and DynamoDB.
- Optimized APIs with GraphQL. Reduced latency by 50% using advanced caching.
- Designed scalable CI/CD workflows, reducing deployment times by 20%

Education

B.Tech in Computer Science February 2015
Jaypee University of Engineering And Technology, Guna

Websites, Portfolios, Profiles

- http://linkedin.com/in/neeraj1993
- https://github.com/deekshanee/deekshanee

Certifications

- AWS Certified Solutions Architect

Accomplishments

- Global Rank 6 - AWS CodeJam
- Ranked 22nd & 34th - CodeChef
- Winner: IRIS Hackathon & CodeChef League

Languages

English   Hindi

Open Source Contribution

Contributor to LangFlow: Enhanced LangChain integration, improved build processes, and added real-time orchestration features to streamline the no-code/low-code AI builder experience. Contributed to workflow management, component integration, and performance optimization.

Personal Information

- Hobbies: AI research, YouTube teaching, open-source contributions, hackathons
- Title: AWS Certified Solutions Architect