

## Contact

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[www.linkedin.com/in/priya-raja-web](https://www.linkedin.com/in/priya-raja-web)  
(LinkedIn)  
[priyacodes.dev/](https://priyacodes.dev/) (Portfolio)

## Top Skills

Amazon Web Services (AWS)

Prompt Engineering, RAG,  
Embedding, Machine Learning.  
Mcp

## Certifications

Machine Learning with Python

Data Visualization with Python

Databases and SQL for Data  
Science

IBM Data Science Specialization  
Issuing Organization:

Hack2Hire 2.0

# Priya Raja

AI Engineer | Building Agentic AI & RAG Systems | Ex-Full Stack  
Developer (MERN) | Python, LangChain, OpenAI  
Dubai, United Arab Emirates

## Summary

AI Engineer specializing in RAG pipelines and agentic AI systems.

Transitioning from 5+ years of Full Stack Engineering (MERN) to AI/  
ML.

My full-stack background gives me an edge in building end-to-end  
AI  
products that actually ship.

Current focus:

RAG systems with vector databases (FAISS, ChromaDB)

Multi-agent architectures with LangChain

# FastAPI backends for AI applications

LLM integration (OpenAI, Gemini, Anthropic)

MLOps: Model deployment, monitoring, CI/CD for AI systems

Tech Stack:

AI/ML: Python | LangChain | FastAPI | FAISS | OpenAI API | RAG  
Pipelines

MLOps: Docker | GitHub Actions | CI/CD | Model Versioning | API  
Deployment | AWS

Full Stack: React | Next.js | PostgreSQL | MongoDB

Portfolio: <https://github.com/Priya-raja>

Writing: <https://medium.com/@priya.thevar89>

Looking for: AI Engineer or ML Engineer roles in Dubai

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## Experience

EXCELLENCE DRIVING

Frontend Developer

January 2023 - September 2025 (2 years 9 months)

Dubai, United Arab Emirates

Developed SEO-optimized promotional pages and blogs using Next.js & Strapi CMS, boosting website traffic by 45% and engagement by 30%.

- Built 20+ responsive UI components with Bootstrap, improving cross-platform compatibility and reducing defects by 25%.
- Integrated Strapi CMS for dynamic content, reducing marketing team's update time by 50%.
- Implemented 10+ new features in React + Nest.js admin portal, reducing manual reporting efforts by 40%.
- Implemented security features including CSP policies, XSS protection, and CAPTCHA validation, safeguarding sensitive user data, preventing automated bot signups, and strengthening overall application security.

### e-Zest Solutions

#### Software Developer

February 2021 - December 2022 (1 year 11 months)

Pune, Maharashtra, India

#### Supply Chain Maturity Model:

- \* Built interactive D3.js map data visualizations for 30+ countries' supply chain metrics.
- \* Delivered a B2C app with React + Redux Toolkit + Material UI, ensuring accessibility and international coding standards.
- WHO – Country Portal:
  - \* Implemented internationalization (i18n) in 5 languages with React + ANT Design, expanding product reach globally.
  - \* Built Excel data validation feature using the xlsx package, reducing submission errors by 70%.
  - \* Delivered responsive, accessible UI components following ANT Design system principles.
  - \* Increased code reliability by 35% with Jest unit tests.

### Addteq

#### Junior Software Developer

December 2012 - January 2014 (1 year 2 months)

Migrated websites from static to dynamic using jQuery and HTML templates, reducing content update

time significantly.

- Automated tasks using Groovy Script, boosting developer productivity by 20%.
  - Worked on Atlassian products (Jira, Confluence, Bitbucket) for enterprise collaboration.
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## Education

G.H.Raisoni Institute of Engg and technology

B.E, Information Technology · (2008 - 2012)