

# Binduja P Kademani

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## PROFESSIONAL SUMMARY

Generative AI Developer with 2+ years of experience in Java Full Stack and Angular development, transitioning into AI/ML with hands-on work in LLM integration, prompt engineering, and API development for AI-driven systems. Skilled in building scalable backend solutions and deploying intelligent applications using modern AI frameworks. Fast learner with a strong drive to innovate in the AI space.

## SKILLS

- **Generative AI & NLP Skills:** RAG, LLMs (GPT-3, GPT-4, ChatGPT), Prompt Engineering, BERT, Data Embeddings, Vector Search, Semantic Search, Fine-tuning, Transfer Learning
- **Frameworks & Tools:** LangChain, LangGraph, OpenAI API, Hugging Face, ChromaDB, Transformers, Gemini Api
- **Programming Languages:** Python, Java
- **Cloud & Deployment:** REST APIs
- **Data Processing:** Pandas, NumPy, MongoDB, JSON
- **Dev & Collaboration Tools:** Git, GitHub, VS Code, Postman, Jupyter

## PROFESSIONAL EXPERIENCE

Capgemini Technology Services India Limited | Bangalore, IN

Apr 2022 - Feb 2024

- Engineered secure authentication and authorization modules using Spring Security and JWT, enabling role-based access control across user modules and enhancing system security by reducing unauthorized access attempts during testing by over 50%.
- Implemented layered architecture (Controller-Service-Repository) and modular code structure using Spring Boot and JPA, improving backend code maintainability and reducing feature update time by 30% in simulated sprint cycles.
- Collaborated in Agile-based mock sprints and focused on delivering high-quality backend services by writing unit tests using JUnit 5 and Mockito, achieving 80%+ test coverage and ensuring code stability across core modules.

## INTERNSHIP

IIITB

Dec 2024 - Jan 2025

- Developed an AI-powered Insurance Assistant using Retrieval-Augmented Generation (RAG) to simplify information extraction from complex insurance documents.
- Built an AI-driven Insurance Assistant using Retrieval-Augmented Generation (RAG) with LlamaIndex and GPT-4/Gemini to enable accurate, context-aware extraction from complex insurance documents.

## GEN-AI PROJECTS

- **Insurance Documents QA RAG Chatbot LlamaIndex\_Langchain** - Developed an intelligent RAG-based chatbot for insurance document QA that dynamically retrieves information from documents or the web to deliver accurate, context-aware responses.
- **Laptop\_Recommendation\_Chatbot\_RAG** - Built a RAG-powered Laptop Recommendation Assistant using a dynamic dataset of 900+ laptops and GPT models to deliver personalized, data-driven recommendations based on user preferences.
- **HelpMate AI Project** - Developed an AI-powered Insurance Assistant using Retrieval-Augmented Generation (RAG) to simplify information extraction from complex insurance documents.
- **Semantic Spotter AI Project** - Built an AI-driven Insurance Assistant using Retrieval-Augmented Generation (RAG) with LlamaIndex and GPT-4/Gemini to enable accurate, context-aware extraction from complex insurance documents.

## EDUCATION

- **GRADUATE IN MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE** - IIITB, Jan 2025
- **Bachelor of Engineering (B.E.) in Computer Science** - VTU, 2021

## CERTIFICATION

- Agile Software Development - University of Minnesota.
- Ocean Internal Certification.
- Internal Certifications on Core Technologies - Capgemini