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# KAUSHAL KISHORE

## Senior Software Developer

### Professional Summary

Software Developer with expertise in backend (Python – FastAPI, Flask, Django), frontend (React.js), and mobile (Android, React Native) development. Proficient in ML, DL, NLP, and cutting-edge GenAI technologies including LLMs, LangChain, LangGraph, RAG, and Agent AI. Passionate about building scalable, intelligent, and user-centric solutions in dynamic environments.

### Work History

#### ATOS IT Services And Solutions - Senior Software Consultant

Mumbai, India

09/2018 - Current

- Developed Gen-AI applications and Proof-of-concepts using LangChain, LLMs(i.e., OpenAi, Ollama, GROQ,GEMINI), RAG, and Agent AI frameworks such as LangGraph with CrewAI and Vertex AI across both local and cloud environments.
- Integrated LLMs (OpenAI, Hugging Face, Anthropic, Ollama, Groq ) via APIs into scalable, secure, and efficient production-ready backend.
- Leveraged LangSmith for monitoring and debugging, and LangServe with FastAPI for serving LLM applications.
- Built and maintained scalable vector search systems using FAISS, and Pinecone for high-performance semantic search across large document and embedding datasets, optimizing retrieval accuracy and latency for NLP and recommendation use cases.
- Exploring Agent2Agent , MCP, NLWEB & COPILOTKIT.
- Built prompt engineering strategies to enhance model performance in terms of accuracy, coherence, and user experience.
- Experienced in prompt engineering to design and deploy LLM-powered and RAG-enabled AI solutions.
- Prototyped and iterated AI-driven features in collaboration with cross-functional teams using Python, LangChain, and Streamlit & Gradio.
- Interacted with the **Domain Expertise to understand the Business Requirements** of the ML and DL projects.
- Building various regression and classification algorithms by using various Sklearn libraries .

✉ kaushalkishore80927@gmail.com

📞 703-061-3250

📍 Thane, Maharashtra 400607

<https://www.linkedin.com/in/kaushal-kishore-%EF%A3>

<https://github.com/krazycodeLoad/>

<https://x.com/kaushalkishor19/>

### Primary Skills

Skilled in developing REST APIs using FastAPI, Flask, Django, and Django Rest Framework (DRF).

Elementary

Proficient with leading AI tools and platforms, including GitHub Copilot, Cursor, Claude, OpenAI (GPT models), Ollama, Groq, and CrewAI. Highly skilled in Generative AI, prompt engineering, large language models (LLMs), LangChain, LangGraph, Retrieval-Augmented Generation (RAG), and Agent AI. Hands-on experience in ML, DL & fine-tuning models.

Possess hands-on experience with foundational machine learning techniques and tools, including NLTK, Tiktken, RNN.

Elementary

- Fine-tuned large language models on domain-specific datasets to improve relevance, safety, and task-specific performance.
- Conducted POCs with Hugging Face and OpenAI models, and implemented vector search solutions using FAISS, ChromaDB, Pinecone, and AWS services.
- Developed and maintained backend services using **Python (Django/Flask/FastAPI)**, powering high-traffic web and mobile applications.
- Built scalable generative AI solutions using AWS Bedrock with foundation models like Anthropic Claude, and Cohere.
- Proficient in applying NLP, Machine Learning(i., Basic Level), and Deep Learning methods to real-world problems.
- Developed backend APIs (Django, Flask & FastAPI) and Android apps (Kotlin) for Bajaj Finance Lending.
- Worked with **PostgreSQL**, **MongoDB**, and **Redis** for data storage and caching solutions.
- Built and maintained scalable backend systems using **Python (Django, Flask and FastAPI)** for web applications and microservices architecture.
- Gained hands-on experience integrating REST APIs with React.js applications using Redux and Context API for state management.
- Acquired foundational skills in integrating REST APIs with React.js, utilizing Redux and Context API for basic state management.
- Delivered multiple Android apps (B2B, B2C, Wallet, Lite, Collection) using latest SDKs and integrated analytics, crash reporting, and notifications.
- Led 20-member cross-platform team (Android, iOS, React Native) with daily stand-ups.
- Built secure REST APIs; created Compose Multiplatform POCs with Koin.
- Developed React Native apps using Redux/Context API; consumed REST services.
- Applied MVC, MVVM, MVP patterns for clean Android architecture.
- Integrated banking/payment SDKs (UPI, BBPS, Wallets, RBL Bank) and third-party APIs (SSO, PWA).
- Contributed to Bajaj Finserv Experia, Lite, 3in1, Kiosk, Partner, and SME apps.
- Led bug fixes, code reviews, optimizations, and feature enhancements.

Few links are for Mobile App Developments:

- <https://play.google.com/store/apps/details?id=org.altruist.BajaExperia&hl=en&gl=US>
- <https://play.google.com/store/apps/details?id=com.msf.bfsltrade&hl=en&gl=US>

#### Working Technology:

- **Frontend** With Android using Kotlin, React native & React js
- **Backend Technology** worked on Django, FastApi (i.e., Python Framework).
- **GenAI Technologies:** Experience with LLM, LangChain, RAG, and Agent AI frameworks including CrewAI , familiar with fine-

Skilled in designing and optimizing high-performance databases, with hands-on experience in Relational Db, NoSQL, and Graph databases. Adept at leveraging innovative technologies to solve complex challenges in dynamic, fast-paced environments.

Intermediate

Proficient in Numpy, Pandas and Webscrapping, Scrapy & R Programming.

Experienced in developing secure, scalable web applications and RESTful APIs using Spring Boot, Spring MVC, Spring Security, and Spring Data JPA with both Java and Kotlin

Experienced in mobile app development for Android, iOS, and cross-platform solutions using React Native.

Beginner in frontend development with hands-on experience using React.js, HTML, CSS, Bootstrap, and Tailwind CSS

Experienced in working with cloud technologies such as AWS (including AWS Bedrock), Google AI Studio, and Azure Studio, with additional knowledge of GCP and Azure services.

#### **Skills**

- Proficient in backend development with Spring Boot in (Java/Kotlin).
- Skilled in Python web APIs using FastAPI, Flask, Django, Django REST Framework.
- Experienced in Android development (XML & Jetpack Compose), KMM, CMP with Kotlin.
- Beginner in iOS development with SwiftUI.
- Cross-platform mobile apps with React Native, React.js, Axios, Fetch, React Native Paper, NativeBase, Redux, AsyncStorage, SQLite.

tuning,ML,NLP & DL techniques.

### **CMTECH PTY LTD - Software Developer**

Mumbai, India

08/2017 - 08/2018

#### **ROLES & RESPONSIBILITY:**

- Designed and developed Android apps for high-end handheld devices and tablets, optimized for various screen resolutions.
- Design, build, and maintain efficient, reusable, and reliable Kotlin or Java code.
- Designed & Developed Backend Rest Api Using Python Framework Django and Customized Backend Admin Panel.
- Identify bottlenecks and bugs, and devise effective solutions to address these issues.
- Built and maintained scalable backend systems using **Python (Django and FastAPI)** for web applications and microservices architecture.
- Implemented push notifications in applications, significantly enhancing user engagement.
- Devised techniques for better modularity, testability and maintainability of front-end applications.
- Worked on App like: Ace Material-Handling ,Thunderstorm ,Grace Collections, and Pinnacle anywhere
- & Asset Easy Management.
- Few links are: <https://play.google.com/store/apps/details?id=com.thunderbushfirestorms&hl=en>
- B2B apps or Services based apps for Organization like Ace material Handling, Pinnacle Anywhere for Australia
- Managed bulk data and image uploads and downloads for offline mode applications.
- Enhanced user experience with intuitive UI design and seamless navigation features.

#### **Working Technology:**

- Frontend With Android using Java,
- Backend Technology worked on Django, Flask & FastApi (i.e., Python Framework),SpringBoot

### **Cool-Acharya Technologies - Android Developer**

Pune, India

08/2016 - 08/2017

#### **ROLES & RESPONSIBILITY:**

- Worked on Android apps such as Connectory, Runathon, and Rotary Expo.
- **Runathon:** <https://play.google.com/store/apps/details?id=com.coolacharya.runathon&hl=en>
- **Connectory:** <https://play.google.com/store/apps/details?id=com.coolacharya.connectory&hl=en>
- App development using Android SDK and implementation of APIs using libraries such as Volley, Retrofit, or Ion Library.
- worked on POC applications like Accessing hardware properties of Mobile Devices, WIFI, Bluetooth, GPS & Location based services

- Frontend: React.js, HTML, CSS, Bootstrap; beginner in Tailwind & Material CSS.
- Beginner in Nodejs & GoLang backend using Gin, Echo.
- Databases: MySQL, PostgreSQL, H2, SQLite, MongoDB, Neo4j.
- IDEs: IntelliJ, VS Code, Android Studio, Xcode, PyCharm, Jupyter Notebook.

Designed, deployed, and managed scalable cloud infrastructure on AWS and Azure, supporting business growth and high availability

### ***Education***

06/2014 - 06/2014

**Radha Govind Engineering College,**  
Meerut

Bachelor of Technology: Computer Science Engineering

**With Gross Percentage:60%.**

04/2007 - 03/2009

**St. Joseph Public School**  
Patna

HSC in CBSE BOARD: Science Education

**With Gross Percentage: 65**

04/2006 - 03/2007

**Ekalavya Educational Complex**  
Patna

SSC in CBSE BOARD: General Studies

**With Gross Percentage: 58**

- Worked On Rest Api for Mobile App Using Django.

#### **Working Technology:**

- Frontend With Android using Java,
- Backend Technology worked on Django (i.e., Python Framework),  
SpringBoot.

#### **Open InfoTech Technologies - Junior Software Developer**

Pune, India

10/2015 - 07/2016

#### **ROLES & RESPONSIBILITY:**

- Designing and developing Enterprise Android apps for Various configuration Android smartphones & tablets
- Working on construction-based hazard notification app for various locations in collaboration with Safety Worldwide Corporation.
- Customizing Last Mile Code app by updating V3 API for area codes using python Framework django and postal codes within Ionic framework.
- Developing front-end Android app with UI that incorporates Material Design principles in Android.
- Design & Developed Android App & rest Api using Django for Diet Kitchen app.
- **Links :** <https://play.google.com/store/apps/details?id=com.fmindia.activities&hl=en>
- **Last Mile Code:** <https://play.google.com/store/apps/details?id=com.lastmilecode.app&hl=en>
- **links :** <https://play.google.com/store/apps/details?id=com.caesarsoft.deliverack&hl=en>
- Assisted senior developers in complex problem-solving, enhancing overall team productivity and efficiency.

#### **Working Technology:**

- Frontend With Android using Java,
- Backend Technology worked on Django (i.e., Python Framework)

#### **NET4NUTS.PVT.LTD - Jr.Software Developer**

Ahmedabad, India

02/2015 - 06/2015

#### **ROLES & RESPONSIBILITY:**

- Working as NetSuite ERP customization and development in collaboration with project partner company SERERRA.
- CONSULTING GROUP
- Customization of Sales Order and accounting processes using custom records, suitelet, user events, and client scripts.
- Project: C2-Wireless (sales order management based on Multi warehouse location)
- Event Registration Management (Scheduling Institute)
- Ex libris (Account and Department mapping Based on Transactions)
- Developed saved searches for business Reports requirement
- Customized standard record types to accommodate fields, sub-tabs.

- Collaborated with cross-functional teams to develop high-quality software applications, meeting project deadlines
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### *Languages*

English, Hindi.