

# Ishan Farooq

Bengaluru, Karnataka, India

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## Professional Summary

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Full Stack Developer with strong experience in Python, Node.js, and AI-driven systems. Skilled in building scalable APIs, backend pipelines, and LLM-powered applications. Focused on solving real-world problems through end-to-end systems, including RAG architectures and production-ready deployments.

## Experience

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### Bolt Wealth Advisories

Sep 2025 – Dec 2025

*Full Stack Intern (Remote)*

- Built and deployed REST APIs and backend services using Node.js and Python for financial analytics workflows.
- Developed data ingestion pipelines integrated with PostgreSQL.
- Implemented JWT-based authentication and secure API access control.
- Integrated backend services with frontend dashboards for real-time insights.
- Debugged and optimized production systems for reliability and performance.

## Projects

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### Multi-Model RAG System (AI Pipeline)

- Built a Retrieval-Augmented Generation system using FastAPI, LangChain, FAISS, and Llama 3 (Ollama).
- Designed multi-model routing and orchestration pipelines for improved response accuracy.
- Implemented document ingestion, embeddings, and vector retrieval systems.
- Developed a real-time interface to visualize pipeline execution.

### ReWise AI — Chrome Extension & Backend System

- Developed a system to capture and process highlighted content from webpages.
- Built asynchronous pipelines using Node.js, Redis (BullMQ), and LLM APIs.
- Integrated Google OAuth and MongoDB for user-based storage.
- Implemented automated weekly summaries for content revision.

## Technical Skills

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**Languages:** Python, JavaScript, TypeScript, SQL

**Backend:** FastAPI, Django, Node.js, Express.js, REST APIs

**Frontend:** React, Next.js, Tailwind CSS

**Databases:** PostgreSQL, MongoDB, FAISS, ChromaDB

**AI/ML:** RAG, LLM pipelines, LangChain, HuggingFace, Ollama

**Tools:** Docker, Git, GitHub, Postman, Linux

## Education

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**Bachelor of Engineering in Computer Science and Engineering**

2023 – Present

Jyothy Institute of Technology, Bengaluru

## Achievements

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- Harvard HPAIR Delegate 2025 – Selected through a competitive process and invited to attend the Harvard Asia & International Relations Conference held in Tokyo, Japan.
- Hacktoberfest Contributor – Completed multiple open-source contributions as part of the global Hacktoberfest program.