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I'm an AI / Software Engineer, Inventor, IBM mentor, and open-source contributor. I have over 6 years of expertise in Data & AI and Containers & Kubernetes.

Skills

Programming	Python, R, SQL, Java, Go, C, C++, C#
Database	MySQL, NoSQL, Vector store
AI/ML	Multi-AI Agents, Large language model - fine tuning, Generative AI, Prompting techniques, Guardrails, Retrieval augmented generation (RAG), Model Context Protocol (MCP), Agent Communication Protocols (A2A, ACP), Supervised & unsupervised learning, classification & regression, statistical modeling, Convolutional neural networks (CNN), Computer vision, Deep learning, Natural Language Processing (NLP)
Cloud	AWS, Google Cloud, Microsoft Azure, Red Hat OpenShift, IBM Cloud.
Core Competencies	**Thought Leadership** – Guest speaker at IIM Bangalore twice. **Presentation Skills** – 1st place in technical paper presentation twice. **Communication** – Cambridge Business English B1 certified. **Technical Mentorship** – Recognized with IBM Mentor badge twice.

Patents

- **09/21:** System & methodology for persona based indoor navigation. (US20230087780A1)
- **02/22:** A system and method to predict CLVs based on group persona. (IPCOM000268675D)

Certifications & Awards

- Build multi-agent systems with ADK (Google)
- Multi AI Agent Systems (crewAI)
- Foundation: Introduction to LangGraph (LangChain)
- Generative AI with Large Learning Models (DeepLearning.AI)
- Machine learning (Stanford online - Coursera)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Containers & Kubernetes Essentials (IBM)
- Won **Growth 2025 award** for demonstrating outstanding performance (IBM)
- Won **People's choice award** for demonstrating cultural growth attribute (IBM)
- Won **Manager's choice award** for demonstrating the skill: Personal Interest (IBM)
- Contributed to **cloud-native toolkit** open source (4 PRs accepted)
- Contributed to **IBM Granite community** open source (1 PR accepted)
- Contributed to **ContextForge MCP Gateway** open source (1 PR accepted)

Experience

Jul 2019 - PRESENT (6 years)

IBM India Pvt. Ltd, Bengaluru – *Software Engineer*

- As an AI Engineer at Ecosystem Engineering Labs:
    - **Designed and developed a scalable Agentic AI solution** to automate financial advisor's tasks using generative AI and large language models (LLM). This solution **saved 3hrs in productivity** and IBM closed multiple ELA's with partners worth **$8M.**
    - **Developed a scalable Agentic AI solution** to automate project management activities where intents and entities are extracted from project statement of work (SOW) and uploaded to Jira. This solution **improved the productivity** of the project management office (PMO) by **60%** and IBM closed an ESA with a partner worth **$500K.**
    - **Developed an LLM driven conversational AI assistant solution** to handle the customer care support for banks & insurance companies using natural language processing (NLP), large language models (LLM) and retrieval augmented generation (RAG). This solution resulted in about **65% containment rate** and IBM closed an ELA with a partner worth **$12M.**
- As a Site Reliable Engineer (SRE) at IBM Cloud Labs:
    - **Developed automation scripts** to backup secrets securely from one secrets manager instance to another across region, geo and data centers for Business Continuity and Disaster Recovery **(BCDR) compliance**. This automation **saved 2 months** of manual efforts in migrating secrets. I also **supported IBM Key Protect by taking on-call shifts** monitoring, investing, and resolving production issues.
- As a Software Developer at Strategic Partnership Labs:
    - **Developed a trusted-AI solution to govern any traditional machine learning model** developed and deployed on hyperscalers such as **Azure ML and AWS Sagemaker through IBM OpenScale**. This solution resulted in **establishing trust in ML models** among partners and led to significant client deals.
- As a Software Developer at Digital Technology Labs:
    - **Developed highly scalable and performant RESTful micro-services** called code patterns leveraging cloud architecture patterns on IBM Cloud to solve industry problems with IBM & Open-source technology. These code patterns showed the capabilities of IBM products and increased the developer adoption on IBM Cloud where I **contributed to 8000 active developers on IBM Cloud.** I also represented IBM in various technical events & conferences **boosting IBM's technical eminence**.

Interests & Hobbies

Sports: Badminton & Swimming - Represented my school at district level badminton tournaments.
Camera: Movie making & Photography - Won 1st place in a movie making competition in college.

Education

2015 - 2019

K.L.S. Gogte Institute of Technology, Belagavi – *Bachelor of Engineering in Computer Science and Engineering* **8.89 GPA**