

Kiriti Gunukuntla Bhasker

Full Stack Developer | Software Engineer

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Professional Summary

Full Stack Developer with 3.5+ years of experience building AI-powered, cloud-native applications **using** Python, FastAPI, Vue.js, and Azure. **Specialized in delivering** RAG-based LLM services, prompt engineering pipelines, **and** full-stack integrations **that accelerate** data engineering and analytics **for enterprise clients. Skilled at solving complex technical challenges with Redis, Celery, and distributed systems, while also delivering optimized front-end experiences with Vue.js and React. Adept in Agile environments, writing testable code, and deploying scalable solutions with CI/CD, Docker, and Kubernetes.**

Work Experience

Full Stack Developer | Lucid Data Hub

10/2023 - 08/2025 | Milton, ON, Canada

Lucid: A Gen AI-powered Data & Analytics Platform enabling full data exploration, 20x faster development, 10x cost savings, and enterprise-grade security.

- Developed **FastAPI-based back-end APIs** and **Vue.js/React front-ends** to power GenAI-driven workflows across data engineering and analytics use cases.
- Built **RAG pipelines** leveraging **vector stores, Redis caching, and Celery orchestration** to support large-scale retrieval and processing for LLM applications.
- Tackled **RAG challenges** including context-window management, hallucination reduction, and query performance tuning, enabling more reliable AI-powered analytics.
- Applied **prompt engineering** to standardize outputs (structured JSON, transformation detection), ensuring predictable results across different LLM back-ends.
- Converted **long-running and compute-heavy APIs** (e.g., large dataset transformations, code migration jobs) into **Celery + Redis background tasks**, improving throughput and keeping APIs responsive under heavy load.
- Delivered **data engineering accelerators** using GenAI for **entity mapping, code migration (SAS/SQL/Java → PySpark/PySQL), and metadata enrichment**, cutting manual effort by 60% and allowing businesses to gain insights significantly faster.
- Implemented **Cypress tests for front-ends** and **unit tests for APIs**, reducing defects in production by 35%.
- Mentored teams on **Docker/Kubernetes deployments, CI/CD pipelines, and distributed orchestration (K3s, Celery, Redis)** to scale AI services.

- Collaborated in Agile sprints with product managers, designers, and engineers to align technical features with business impact.

Key Achievements:

- **Accelerated client analytics delivery by 60%**, enabling faster decision-making in finance and energy sectors.
- Increased adoption of the Lucid platform by **40%** through optimized UX and reliable AI-driven features.

Software Developer | Vtiger Systems India PVT LTD

07/2021 - 08/2022 | Hyderabad, India

Vtiger: A leading Cloud CRM solution, trusted by 300,000+ companies for sales, marketing, and support.

- Built **Vue.js front-end components** within **VTAP (Vtiger Application Platform)**, enabling clients to extend CRM functionality with custom workflows and connectors.
- Developed **interactive UIs and dashboards** to improve user experience and customization.
- Mentored interns on **Vue.js development best practices**, accelerating team onboarding and productivity.
- Collaborated with cross-functional teams to ship CRM extensions used by multiple enterprise customers.

Software Development Intern | Vtiger Systems India PVT LTD

01/2021 - 06/2021 | Bangalore, India

- **Prototyped** and extended modules on VTAP, expanding platform extensibility for future custom builds.
- **Built a Spring Boot-based prototype** and helped mentor interns in learning backend fundamentals.

Software Development Intern | SenSen Networks

06/2020 - 11/2020 | Hyderabad, India

SenSen: A global leader in data-driven business process enhancement solutions.

- Contributed to **ROI-based image processing pipelines** for detecting number plates and traffic violations, while gaining hands-on experience with computer vision techniques.
- Assisted in building and testing **real-time broadcasting and ingestion pipelines** that supported low-latency integration with live surveillance systems.
- Learned best practices in **automated video analytics pipelines**, working closely with senior engineers to enhance understanding of large-scale image processing systems.

Education

Masters of Science (Applied Modelling and Quantitative Methods – Big Data Analytics) | Trent University, Canada | 01/2023 - 04/2024 | CGPA: 8.6

B.Tech (Computer Science with AI Specialization) | Koneru Lakshmaiah Education Foundation | 07/2017 - 06/2021 | CGPA: 7.92

Skills

- **Languages & Frameworks:** Python, FastAPI, Flask, JavaScript/TypeScript, Vue.js, React, .NET (C#), SQL
- **Front-End:** Vue.js, React, MUI, JointJS, ReactFlow, Cypress (front-end tests)
- **Back-End & Data:** FastAPI, Flask, Redis, Celery, SQL Server, PostgreSQL, Databricks, PySpark
- **AI & GenAI:** RAG (Retrieval-Augmented Generation), Prompt Engineering, LangChain, Ollama, OpenAI APIs
- **Cloud & DevOps:** Azure (App Services, Azure SQL, DevOps pipelines), AWS (EC2, S3), Docker, Kubernetes, CI/CD
- **Collaboration & Agile:** Git (branching/merging best practices), Agile Scrum, Jira, Confluence

Projects

Adiona (07/2019): Crash detecting module for automobiles. Qualified for Finals in KL Hack League.

Bulletin Board (10/2018): Node.js + React.js university bulletin board application.

Ivarna-KLU Tech Festival (03/2019): Developed and deployed ticketing website for tech festival with payments integration.

Legal AI Chatbot (01/2025): Built chatbot leveraging GPT-3.5, NER, and graph DB to summarize Indian Supreme Court judgments, improving legal document accessibility.

Interests

Gaming, Cricket, Reading, Gymming, Swimming