

Sainath Chandrasekar

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SUMMARY

Full-stack engineer (4 yrs) specializing in frontend, now focusing on building AI systems. Hands-on with RAG pipelines, RAG evaluation metrics, LangGraph agents, and MCP.

LINKS

LinkedIn:// [sainath-chandrasekar](#)

Portfolio:// [sainath-chandrasekar](#)

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY (OMSCS)

M.S. IN COMPUTER SCIENCE - AI
SPECIALIZATION
(In-Progress)

AMRITA

VISHWA VIDYAPEETHAM

B.TECH IN COMPUTER SCIENCE &
ENGINEERING
Coimbatore, TN
Amrita School of Computing
First Class with Distinction

SKILLS

PROGRAMMING LANGUAGES

TypeScript • JavaScript • Python
PHP • GraphQL • HTML • CSS
MySQL • PostgreSQL

FRAMEWORKS

React.js • React Redux
RAG • RAGAS • Node.js
Express.js • Selenium
Playwright • Jest

TOOLS/SOFTWARE

AWS • Postman • Docker
Kubernetes • Pandas
Technical Writing
LangGraph • LangChain
LangSmith • MCP • TipTap

EXPERIENCE

DEVREV | MEMBER OF TECHNICAL STAFF (FRONTEND)

Oct 2025 - Present | Bangalore, KT

- Own the Rich Text Editor (RTE) module used across foundational data views
- Leading the migration of the codebase from TipTap (RTE Library) v2 to v3
- Designed and implemented a custom extension to convert DevRev work links into structured, interactive mention nodes
- Debug and fix complex existing bugs from the backlog affecting editor reliability and user workflows
- Improved rich text editor reliability and maintainability by improving unit test and E2E coverage

RAZORPAY | SOFTWARE DEVELOPMENT ENGINEER

Jun 2022 - Oct 2025 | Bangalore, KT

- Built responsive React UIs for key modules, including Bonus Management, Employee Loan, Bulk Upload, Salary Revision Approval, and Two-Factor Authentication, ensuring modern and intuitive user experiences.
- Designed and implemented the Bulk Upload UI framework, enabling streamlined payroll operations for 10k+ employees across 150+ organizations.
- Led the development of XPayroll's Model Context Protocol (MCP) server to expose internal APIs as structured tools.
- Built a prototype LangGraph-based agent system, enabling AI orchestration for payroll tasks
- Led integrations with partners like Zaggle, SpringVerify, and PazCare, enhancing system accessibility for 95k+ organizations.
- Delivered the frontend for the New Joinee Arrear module ahead of schedule, completing UAT within 2 days and went into early access for high-value organizations.
- Developed APIs for partner integrations with robust backend security, addressing vulnerabilities in sensitive user data.

PERSONAL PROJECTS

TV SHOW SCRIPT RAG + AGENT | Link:Friends-RAG

- Built a RAG system over the scripts of 10 seasons of the popular show Friends; Used scene based chunking, ChromaDB for vector store and the retrieval to answer pipeline
- Implemented hybrid search and cross-encoder re-ranking to optimize retrieval; Measured quality using RAGAS and improved faithfulness
- Built a LangGraph agent with tool calling, step limits and error handling; Included LangSmith for tracing and debugging

CERTIFICATIONS

GRAPH DEVELOPER - ASSOCIATE | APOLLO GRAPHQL | DEC 2024

MACHINE LEARNING

PROFESSOR ANDREW NG, STANFORD UNIVERSITY | APR 2020

PY0101EN: PYTHON FOR DATA SCIENCE | EDX | NOV 2018