

Siva Balaji A R

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🌐 linkedin

🔗 leetcode

🐙 GitHub

Profile

Passionate about **AI, Machine Learning, and Web Development**, with experience in integrating AI into **real-world applications**. Enthusiastic about exploring **practical use cases of AI/ML** to solve complex problems and enhance user experiences. Currently focused on **AI integration, and web technologies**, always eager to learn and innovate with emerging tech.

Education

Sri Krishna College of Engineering and Technology (SKCET)

B.E., Computer Science and Design |

2022 - 2026 | CGPA : 8.26

Skills

Web Development

ReactJS, JavaScript, Html, TailwindCSS , CSS, SpringBoot, FastAPI

Miscellaneous

AWS, MySQL, Selenium, Git/GitHub, LangChain .

Certificates

- AWS Academy Cloud Foundations [🔗](#)
- Spring 5 Basics with Spring Boot
- The Complete React Developer Course, Infosys SpringBoard.

Achievements

Learn 2 Build 2024 Hackathon

Devpost

Project: Quizia | First Prize Winner

Amypo Hackathon

Amypo Technologies Private Limited

Project: Quizia | Selected in Top 10 teams

Certificate of Excellence

Amypo Technologies Private Limited

Project: Online TicketBooking Application | Awarded for Best Performance in Backend.

Projects

ScholarChat [🔗](#)

Full-stack RAG chatbot with retrieval-based AI responses

- Integrated **LangChain** to enhance document retrieval and generate **context-aware responses** using ChromaDB and TinyLlama.
- Developed the **backend with FastAPI** to handle retrieval and response generation, while designing an interactive **frontend in React** for a seamless user experience.
- Implemented **local file storage for privacy** and optimized retrieval accuracy, enabling **follow-up question handling**, real-time knowledge retrieval, and efficient data processing.

Quizia [🔗](#)

Quiz app powered by GenAI and Adaptive Algorithms

- Implemented **AI algorithms** to provide personalized tutoring and **dynamically adapt questions** based on user performance.
- Learned and integrated advanced **data analytics** techniques to track user performance and generate actionable insights.
- Explored and utilized modern gamification strategies to enhance user engagement and retention.