SRI H BALAJI

Nelamangala, Bengaluru, India | +917338631592 | srihbalaji@gmail.com |X @SriHBalaji |linkedin.com/in/sri-h-balaji

SUMMARY

Enthusiastic computer science and Engineering student passionate about software development and management. I am seeking an internship to apply my skills in a dynamic tech environment and contribute to innovative projects.

TECHNICAL SKILLS: Python, C++, DBMS, MySQL, Data Structures, HTML, CSS, Machine Learning, Gen-AI,

SOFT SKILLS: Natural Born Leader, Excellent Communication, Strong leadership, Strong interpersonal skills, Proactive and self-motivated, Exceptional organizational skills
.

PROFESSIONAL EXPERIENCE

GSI NEXT| Bengaluru, India

Web Development Intern   July 202 –August 2024

My primary responsibility as a web development intern at GSI Next is to design and develop web application user interfaces. I am currently working on the GSI Next app, a live project. Working with the development team to implement user interfaces and guarantee a smooth and simple user experience is one of my duties. I actively participate in the design process and produce streamlined, effective code that enhances the application's usefulness and appearance. In addition to advancing my technical proficiency in web technologies, this position has given me real-world experience in front-end development.

PROJECTS

Auth-Privacy Chain: Blockchain-Based Access Control for Cloud with Privacy Protection
Developed a decentralized access control framework leveraging blockchain technology to enhance security in cloud computing. The framework redefined access control permissions by encrypting and storing them on the blockchain, ensuring tamper-proof and transparent management. Implemented key functionalities, including authentication, authorization, and access revocation, on the EOS blockchain platform. The solution effectively prevents unauthorized access by external attackers and malicious internal administrators while safeguarding user privacy and ensuring confidentiality, integrity, and availability of cloud resources.

Gemini Vision
Developed a multimodal AI application using Google Gemini 1.5 to process text and images. Built a scalable system for image-to-text conversion, leveraging secure APIs and modular file handling. Enabled use cases like visual analytics, content generation, and creative storytelling.

Chat-PDF:
Created an interactive web application that enables users to engage in AI-powered conversations with PDF documents, allowing for seamless querying, information extraction, and document analysis.

Chat application: Developed a responsive chat application using React that facilitates seamless messaging and enhances user interactions. This application features real-time communication, allowing users to send and receive messages instantly, while also incorporating intuitive design elements for an optimal user experience

House Price predictor
Developed a Linear Regression model to predict house prices using Python and sci-kit-learn. Analysed a dataset of 5,000 records, performed exploratory data analysis, and identified key features. Achieved performance metrics: MAE 82,288, MSE 10.46M, and RMSE 102,278, providing insights into factors influencing house prices.

EDUCATION

B – Tech in Computer Science Engineering   *Expected June-2025*
M S Ramaiah University of Applied Sciences

ACHIEVEMENTS

- Selected for the **Mercor talent pool** after completing an AI interview process that adheres to US standards, demonstrating proficiency in Natural Language Processing, Machine Learning, and Generative AI.

- **Article Contributor**, AI Magazine, M.S.Ramaiah University of Applied Sciences
  "Generative AI: A New Dimension of Technology" – July 2024, Issue 1

LEADERSHIP EXPERIENCE & OTHERS

Vatuka Foundation (R)   Bengaluru, India
Co-Founder and CEO   January *2024 –*
Present
Role: NGO works, Social Service, Animal Rescue

Cultural Coordinator   Bengaluru, India
Dept of Computer Sciences, MSRUAS   August 2023-Present
Role: Hosting and Organizing events

Volunteer, PetFed Bengaluru 2024   Bengaluru, India
                                                                7 & 8 December 2024

PARTICIPATIONS

- **NVIDIA: Visual Language Modeling (VLM) and TensorRT-LLM Execution at a super Hands-On Workshop in NVIDIA Bengaluru on 8/10/2024.**

- **MICROSOFT REACTOR**: Prompt Engineering Workshop ⬚▣ at Microsoft Reactor, Bengaluru, on 20th September, 2024

- **IIMB**: InnovAI (National level AI networking event) at IIMB (22 June 2024)

- **The amBITion,** National level Hackathon at the Bangalore Institute of Technology on 6th and 7th July 2024

- **Advances in Artificial Intelligence workshop**: Hosted by Ramaiah University of Applied Sciences, Bangalore on 11th and 12th March 2024.

- **Data Visualization Algorithms Workshop**, organized by BMSCE IEEE Computer Society. BMSCE May 2024

SCHOOL LIFE ACHIEVEMENTS

- District Youth Parliament, organized by Govt of Karnataka.
  2019
- **Star of School 2019**, GJC High School, Nelamangala
  2019
- District-level Pick and Speak, Pratiba-Karanji, organized by Govt of Karnataka and a state-level competitor
  2019
- Winner of many awards from primary to high school in cultural activities like singing, Drawing, Sanskrit, speech, Article writing, Anchoring, etc.