

Balaji Rithesh G

📍 Chennai ✉ ritheshworkspace@gmail.com ☎ 8925639122 in Balaji Rithesh 🌐 bali1527

TECHNICAL SKILLS

Languages: Python, HTML.

Automation & Workflow Tools: n8n.

AI Frameworks: Pandas, Numpy, Scikit-learn, Seaborn, Matplotlib, LangChain, Hugging Face.

Backend & Deployment: Flask, Fast API, Streamlit, Docker, AWS EC2.

Visualization & BI Tools: Power BI, Tableau.

Version Control: Git, GitHub.

Design & Prototyping: Figma, Canva.

Database: SQL, MongoDB.

EXPERIENCE

INTERNSHIP

Sevael Technologies Pvt. Ltd.

29.07.22 – 05.10.22

Web Development – Learned and applied HTML, CSS, Bootstrap, and basic JavaScript to build responsive, interactive web pages in a team environment.

Retech Solution Pvt. Ltd.

01.06.24 – 30.06.24

Successfully completed a 30-day internship focused on Machine Learning and Python, gaining hands-on experience in data preprocessing, model building, and evaluating predictive performance.

NoviTech R&D Pvt. Ltd.

18.11.24 – 26.12.24

Successfully completed an Artificial Intelligence internship, gaining hands-on experience in LLM-based application development, model integration, and building intelligent automation workflows.

PROJECTS

AI-Powered SEO Content Automation Engine (n8n) [🌐 GitHub](#) [🔗](#)

Developing an end-to-end SEO automation workflow in n8n that scrapes top competitor pages via SERP APIs, extracts H2/H3 structures from HTML, enriches them with SEMrush keyword data using Apify, and feeds the combined insights into an LLM to generate SEO-optimized content outlines at scale

AI Podcast Generator using LLMs & ElevenLabs [🌐 GitHub](#) [🔗](#)

Developed an end-to-end system that extracts text from PDFs, processes it with LLMs to generate a two-person conversational script, enhances the dialogue, and converts it into high-quality audio using ElevenLabs—all wrapped in a clean Streamlit web interface.

AI PDF Book Summarizer [🌐 GitHub](#) [🔗](#)

Built an AI-based PDF summarizer using Google Gemini with OOP architecture for extraction, cleaning, chunking, and recursive summarization. Integrated a Streamlit UI for seamless end-to-end book summarization.

IPL Data Analysis & Dashboard – (Python + Power BI) [🌐 GitHub](#) [🔗](#)

Analyzed IPL ball-by-ball data using Python and built a Power BI dashboard with key metrics, top players, and phase-wise insights using DAX.

EDUCATION

Patrician College of Arts and Science

2020 – 2023

Bachelor of Science in Computer Science

◦ Percentage : 85.48

SRM Institute of Science and Technology

2023 – 2025

Master of Science in Computer Science

◦ CGPA : 8.4