

# Balaji Rithesh G

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## TECHNICAL SKILLS

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**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

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### INTERNSHIP

**Sevaal 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.

**NoviTec 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

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**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

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**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