**Saranya Pothina**

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4th year B.Tech Computer Science student at BITS Vizag with a strong academic record and keen interest in Artificial Intelligence, Machine Learning, and Full-Stack Development.

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| **Education** |

B.Tech, Computer Science & Engineering

Baba Institute of Technology & Sciences, Expected 2026

Current SGPA – 8.12/10

12th (Senior Secondary Examination)

Prabha Junior College, 2022

Percentage – 92 %

10th (Secondary Examination)

Little Angels School, 2020

CBSE Board, 75%

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| **Technical Skills** |

* Programming Languages – C, Python, JavaScript
* Web Technologies – MySQL, HTML, CSS, JavaScript, React .js,
* Databases – SQL
* AI & ML Tools – TensorFlow, Scikit-Learn, Pandas, NumPy
* Development Tools – Git, GitHub, VS Code

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| **Internships** |

**Python Full Stack Intern, ExcelR** **Jul 2024**

* Developed and deployed dynamic web applications using Python, Flask, and Django.
* Integrated front-end and back-end for seamless user experience and implemented RESTful APIs.

**Machine Learning Intern, Internshala** **June 2025**

* Working on ML projects involving data preprocessing and model training.

**Web Development Intern, Apex Planet** **Jul 2025**

* Completed project tasks using HTML, CSS, and JavaScript without formal training sessions.

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| **Academic Projects** |

**1. Responsive JS Project**

**Tech Stack:** HTML, CSS, JavaScript

* Created a series of responsive web applications to demonstrate advanced front-end techniques.
* Built interactive features such as quizzes and dynamic UI elements using vanilla JavaScript.
* Focused on mobile-first design, ensuring usability and performance across all devices.

**2. YouTube UI Clone**

**Tech Stack:** HTML, CSS

* Developed a fully responsive clone of YouTube’s front-end layout, adhering to modern UI/UX standards.
* Replicated the structure and styling of core YouTube components using clean, semantic HTML and modular CSS.
* Ensured visual consistency and responsiveness across various screen sizes.

**3. Movie Recommendation System (AI/ML)**

**Tech Stack:** Python, Pandas, Scikit-learn, Flask

* Recommends movies to users based on similar item preferences, implementing a foundational collaborative filtering model in Python.
* Processed and analyzed movie metadata to generate personalized suggestions.
* Deployed the model via a Flask web app with a minimal user interface for ease of interaction.

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| **Trainings & Workshops** |

* AWS: Introduction to Gen AI – Art of the Possible
* HackerRank: Passed Skill Certification Test
* AajHub & Sapienz: Python Course Completion
* Cisco Academy: Introduction to Modern AI (Verified Badge)
* HackerRank: CSS Skill Certification Test
* Masterclass on UI/UX Portfolio Bootcamp (Physics Wallah)
* Skillected: Build an Advanced AI Chatbot with Python & DeepSeek
* Microsoft Learn: Automate Development Tasks Using GitHub Actions (Badge)
* Bitlabs: Python Foundation Level Course
* GeeksforGeeks Python certification
* GeeksforGeeks Generative AI and ChatGPT

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| **Achievements** |

* Participant, Smart India Hackathon 2024
* Active Contributor, Ekshetra 3.0 at BITS Vizag
* Developed college souvenir content & visual design using Canva

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| **Extra-curricular Activities** |

* Reading books and writing
* Designing visuals using Canva
* Exploring nature and trekking
* Attending bootcamps and hackathons
* Love listening to music