

# SAI VIGNESH S P

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## Career Objective

Aspiring Artificial Intelligence, Machine Learning, and Software Engineer with a deep passion for programming, data, and intelligent systems. Strongly interested in applying core knowledge in software development, problem-solving, and algorithmic thinking to real-world projects. I am highly motivated to contribute to innovative solutions and continuously upskill in the rapidly evolving tech landscape. Seeking an entry-level internship or job opportunity where I can grow technically, collaborate with experienced professionals, and make meaningful contributions to impactful projects.

## Education

Qualification	Institution	Board/University	Year of Passing	Percentage/CGPA
Bachelor of Engineering (AI&ML)	SEA College of Engineering and Technology	VTU	2026	8.72(up to 6 <sup>th</sup> semester)
Class 12 (PUC)	Krupanidhi Group of Institutions	Karnataka State Board	2022	83.3%
Class 10	Pragathi The School	CBSE	2020	78.8%

## Skills

**Programming:** Python, HTML, CSS, Julia, Bootstrap, JavaScript (Beginner level), Julia, Basic knowledge of C, Tailwind CSS.

**Libraries and Tools :** NumPy, Pandas, Scikit, NLTK, Seaborn, Matplotlib, pyplot.

**Data Visualization:** Power BI, Tableau

**Data Analytics:** Microsoft Excel

**Databases:** SQL, Firebase

**Soft Skills :** Effective communication, problem-solving, adaptability, teamwork, time management, quick learning, self-motivation, and accountability.

## Projects

- Blood Cell Segmentation and Classification Web App
  - Technologies: Python, OpenCV, Gradio, Scikit-learn
  - Description: Created a web interface for automatic segmentation and classification of blood cells using machine learning.
- Smart Study Timetable Generator
  - Technologies: Python, Pandas, RandomForestRegressor, Sklearn
  - Description: Created an ML-based system that generates optimized study timetables based on marks, available hours, and exam dates.
- SEA College AI Chatbot
  - Technologies: HTML, CSS, JavaScript, Node.js, OpenAI API
  - Description: Built a chatbot for SEA Group of Institutions to answer student queries, report attendance and marks, and handle complaints via email.
- Personal Website
  - Technologies: HTML, CSS, Bootstrap
  - Description: Developed a personal website showcasing my education, skills, projects, and contact information

## Certifications

- Python - Udemy(ongoing)
- Full Stack development - Udemy(ongoing)

## Achievements & Extracurricular Activities

- Presented Project Paper at IEEE National Conference – Pravarthana, Dec 2024
- Participated in 24hours code carnage hackathon by SJBIT College
- Participated in 5-day Bootcamp for GenAI conducted by Kodr Company

## Languages Known

- Tamil (Mother Tongue)
- English (Fluent)
- Kannada (Fluent)
- Hindi (Fluent)

