SAMARTHA

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EDUCATION

Bachelor of Engineering (B.E.), CSE – Data Science , (GPA: 9.42) 2021 − 2025
Sai Vidya Institute of Technology , VTU

Pre-University Education, PCMB , (Percentage: 91.2%) 2019 − 2021
Jawahar Navodaya Vidyalaya , Udupi

SKILLS

Languages	Core Java, C, Python (Moderate)
Web Technologies	HTML, CSS, Bootstrap, JavaScript
Frameworks	JSP, Servlets, JDBC, Spring, Hibernate
Database Systems	MySQL, DBMS
Data Science/ML	Data Science, Machine Learning, SQL
AI Tools	Cursor

EXPERIENCE

Software Engineering Trainee — TAP Academy, Bengaluru Feb 2025 − Present

- Gained hands-on experience in Core Java, OOPs, JDBC, Servlets, JSP, Hibernate and Spring.
- Developed responsive web applications using HTML, CSS, Bootstrap, JS, SQL, and Cursor.

Machine Learning Intern — Contriver, Bengaluru Nov 2024 − Mar 2025

- Designed ML and web-based projects using Python, HTML, CSS, JavaScript.
- Applied ML algorithms to real-world problems to improve accuracy.

PROJECTS

FoodApp – Restaurant Management System *[Java, JSP, Servlets, DAO, MySQL, HTML, CSS]*

- Developed a full-stack system for managing restaurant data, orders, and user roles.
- Implemented secure admin login, session handling, and role-based access control.

Evently – Event Management Website *[HTML, CSS, JavaScript, Clerk API, MongoDB Atlas, Razorpay]*

- Created a dynamic platform for event posting, registration, and participation.
- Integrated Clerk API for secure authentication and user session management.

Plant Disease Detection using ANN *[Python, ANN, TensorFlow/Keras, Pandas, NumPy]*

- Developed an ANN model to detect 24 types of plant leaf diseases with 90.23% accuracy.
- Applied data augmentation techniques to improve model generalization.

CERTIFICATIONS

- **Java Full Stack – TAP Academy:** Trained in front-end (HTML, CSS, JS), backend (JSP, Servlets, JDBC, Spring), and MySQL database integration through real-world projects.
- **SQL Bootcamp – Let's Upgrade:** Hands-on training on MySQL, joins, subqueries, aggregations.
- **Core Java – JSpiders:** OOPs, Exception Handling, Multithreading, Collections, JDBC.

HONORS AND AWARDS

- **5th Rank – VTU (CSE-DS):** Among top 5 across all VTU colleges (2021–2025).
- **Academic Excellence** – Sai Vidya Institute of Technology.