



Harini A S

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[GitHub Profile](#)
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EDUCATION

• **Vidya Vikas Institute of Technology, Mysore, Karnataka**

Bachelor of Engineering in Electronics and Communication

2021 - 2025

CGPA: 8.12

• **Sadvidya PU College, Mandya, Karnataka**

PCMB

2020 - 2021

Percentage: 93.16

EXPERIENCE

• **Varcons Technologies Pvt. Ltd.**

Feb 2025 - April 2025

Full Stack Web Intern

Bengaluru

- Gained practical experience in front- and back-end development using modern web technologies. Worked on UI/UX design and built responsive layouts using HTML5, CSS3 (Responsive Design), and JavaScript (ES6+).
- Contributed to the design and development of a mini project 'Employee Management System' (UI/UX design).

• **Jspiders**

April 2025 - Sept 2025

Java Full Stack Trainee

Bengaluru

- Implemented back-end logic using Java and Spring Boot and integrated it with MySQL databases. Developed multiple end-to-end projects based on Backend.
- Enhanced problem solving and debugging skills through hands-on assignments and real-world project simulations. Followed Agile development practices including sprint planning.

PERSONAL PROJECTS

• **Ayurvedic leaf detection using Raspberry Pi and Deep Learning (Major Project)**

May 2025

Developed a system using Raspberry Pi and a deep learning model that identifies Ayurvedic leaves in real time.

- Tools & technologies used: Raspberry Pi 3B module, VS code(Python), OpenCV, and TensorFlow.
- Developed an AI-based Ayurvedic leaf detection system using Raspberry Pi, Python and TensorFlow. Implemented image pre-processing and CNN models to achieve more than 95 % classification accuracy in real-time leaf recognition. Designed a web/mobile interface for users to upload leaf images and receive instant plant identification with medicinal information.

• **Online Food Order Application**

August 2025

Backend based project

- Tools & technologies used: Spring Tool Suite, MySQL, Postman.
- Developed a RESTful backend using Spring Boot and MySQL to manage users, menus, and food orders. Implemented Spring Data JPA with pagination, caching, and validation for optimized performance. Streamlined development with Lombok and DevTools, reducing boilerplate and improving productivity. Followed a layered architecture with Controller, Service, and Repository layers and tested all APIs using Postman.

TECHNICAL SKILLS AND INTERESTS

Languages: Java(Core, OOPs & Collections), HTML5, CSS3, JavaScript(ES6+).

Frameworks: Hibernate(ORM), Spring Boot, Spring MVC.

Databases: Oracle SQL, MySQL.

Soft Skills: Agile/Scrum Methodology, Team collaboration, Problem analysis.

Coursework: Database Management System, Web technology, Object-Oriented Designs & DSA.

Developer Tools: Eclipse IDE, Spring Suite Tool, SQL plus, Postman, MySQL workbench, VS code, Github.

POSITIONS OF RESPONSIBILITY

• **Project Team Lead, Ayurvedic Leaf detection using Raspberry pi**

March - May 2025

• **Volunteering in College Events**