

# Amar Dhadbale

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github.com/Amar1912

## Professional Summary

A versatile developer skilled in **full-stack web**, **Android development** and **embedded systems** development. Experienced in building responsive websites using HTML, CSS, JavaScript, React, PHP, and MySQL, and in creating IoT projects with Arduino and microcontrollers. Currently learning Flutter for Android app development and improving backend and data analytics skills to build complete and efficient digital solutions.

## Education

- Bachelor of Engineering (B.E.) in Electronics and Telecommunication Engineering Matoshri College of Engineering, Nashik  
**2023 – 2027 (Pursuing)**
- Higher Secondary Education (Class 12) Sanjivani Sainiki School, Maharashtra State Board.  
**Completed: 2023**
- Secondary Education (Class 10) Sanjivani Sainiki School, Maharashtra State Board  
**Completed: 2021**

## Technical Skills

- **Programming Languages:** C, C++, Python, JavaScript
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap, React, Three.js, PHP, MySQL
- **Embedded Systems:** Arduino, Sensors
- **Tools:** Git, GitHub, XAMPP, VS Code, Figma, Postman

## Experience

### Full Stack Web Development Intern

Mar 2024 – Apr 2024

1Stop.ai (Remote)

- Worked on dynamic web applications using PHP, MySQL, HTML, CSS, and JavaScript.
- Gained hands-on experience in full-stack architecture, including form handling, CRUD operations, and responsive UI design.
- Collaborated with mentors to integrate frontend and backend components and debug server-side issues.

### Embedded Systems Practice Projects

Jan 2025 – Mar 2025

Personal Learning Project

- Built IoT-based prototypes using Arduino, sensors, servo motors, and LCDs for automation and monitoring applications.
- Designed and tested circuits for obstacle detection, environmental sensing, and gas monitoring.
- Developed a strong understanding of microcontrollers, serial communication, and embedded C programming.

## Projects

### Hospital Management System

github.com/Amar1912/Hospital-management-system

- Built a web app for managing patients, doctors, and staff with CRUD operations.
- Implemented backend logic using PHP and MySQL; designed a responsive interface.
- **Tools:** PHP, MySQL, HTML, CSS, JavaScript, Bootstrap

## Employee Management System

[github.com/Amar1912/  
Employee Management](https://github.com/Amar1912/EmployeeManagement)

- Developed a system to manage employee records with authentication and admin dashboard.
- Focused on modular database design and a simple, clean user interface.
- **Tools:** PHP, MySQL, HTML, CSS, JavaScript, Bootstrap

## Mini Projects Collection

[github.com/Amar1912/mini-  
projects](https://github.com/Amar1912/miniprojects)

- A set of small projects showcasing core web concepts and frontend logic.
- Includes responsive designs, form validation, and UI component practice.
- **Tools:** HTML, CSS, JavaScript, PHP

## Certificates

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- **Web Development Internship Certificate** — Raise Digital (March–April 2025) ([View Certificate](#))
- **Full Stack Web Development Certification** — 1Stop.ai ([View Certificate](#))
- **Embedded Systems and IoT Workshop Certificate** — Matoshri College of Engineering ([View Certificate](#))
- **30 Days Coding Challenge Certificate** — Coding Ninjas ([View Certificate](#))

## Soft Skills

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- **Teamwork & Collaboration** — Ability to work effectively in team environments and coordinate tasks efficiently.
- **Communication Skills** — Strong verbal and written communication for technical and non-technical contexts.
- **Problem-Solving** — Analytical mindset with the ability to identify issues and implement practical solutions.
- **Adaptability** — Quick learner with flexibility to adapt to new technologies and work environments.
- **Time Management** — Skilled at prioritizing tasks and meeting deadlines under pressure.
- **Leadership** — Capable of guiding peers and taking initiative in collaborative projects.
- **Critical Thinking** — Logical reasoning and data-driven approach to evaluate alternatives effectively.