



BALAMUGUNDAN I

AI & Data Science Student

CONTACT

Tamil Nadu, India

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PROFILE

3rd-year B.Tech CSE student specializing in AI & Data Science at Periyar Maniammai Institute of Science & Technology. Passionate about AI, Data Science, Data Engineering, IoT, and web development. Enjoys building hands-on projects and competing in technical events, paper presentations, and hackathons — with a focus on real-world solutions in healthcare, smart systems, and automation.

TECHNICAL SKILLS

Programming

Python, C++, C (Intermediate)

Web Technologies

HTML, CSS, JavaScript

Data & Analytics

Exploratory Data Analysis (EDA), Data Engineering

Emerging Technologies

Artificial Intelligence, IoT, Blockchain Technology

Tools

Git, GitHub, VS Code

Other

Responsive Web Design

SOFT SKILLS

- Problem Solving
- Analytical Thinking
- Teamwork
- Communication
- Presentation Skills
- Quick Learning
- Adaptability

AREAS OF INTEREST

- Artificial Intelligence
- Data Science
- Data Engineering
- Internet of Things
- Healthcare Technology
- Smart Systems
- Web Development
- Blockchain Technology
- Real-world Problem Solving

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B.Tech CSE (AI & Data Science) Student

EDUCATION

- **B.Tech – Computer Science and Engineering (AI & Data Science)** *Currently Pursuing – 3rd Year*
Periyar Maniammai Institute of Science & Technology

TRAINING

- **In-Plant Training**
Internet of Things (IoT)
- **Frontend Development Training**
LIVEWIRE, Trichy • *Duration: 3 Weeks*
 - Developed responsive and user-friendly web pages.
 - Practiced HTML, CSS, JavaScript, and responsive web design.
 - Worked on frontend assignments and practical website development.
 - Developed an Ice Cream Webpage as the pre-final project.
 - Developed a Grand Shopping Webpage as the final project.

PROJECTS

★ MediGuard *Healthcare Technology / Paper Presentation*

- Developed and improved a healthcare-focused concept aimed at making patient monitoring/support more effective.
- Presented the improved MediGuard concept at a technical paper presentation.
- Awarded 1st Prize at TechTalks.

Blockchain-Based Student Complaint System *Blockchain / Student Complaint Management*

- Developed a student complaint management system using blockchain concepts.
- Focused on improving transparency and reliability in complaint handling.
- Designed the system to allow students to submit complaints and track their status; used Git and GitHub for version control.

Smart Dustbin *Smart Waste Management* 19 Sep 2025

- Designed a smart waste management solution as part of a technical competition, improving waste handling through a smart-system approach.
- Awarded 2nd Prize.

Smart Pill Dispenser *Healthcare Automation* 26 Mar 2026

- Developed an automated pill dispensing concept to support organized, automated medication dispensing.
- Awarded 3rd Prize.

Grand Shopping Website *E-Commerce Web Development*

- Developed a responsive e-commerce website using HTML, CSS, and JavaScript with product sections and user-friendly navigation.
- Designed a clean, responsive interface optimized for different screen sizes.

Ice Cream Webpage *Frontend Web Development*

- Designed and developed a responsive ice cream-themed webpage with a clean, attractive product-focused interface.
- Applied HTML, CSS, JavaScript, and responsive design principles.

ACHIEVEMENTS

1st Prize – TechTalks — Paper Presentation, Healthcare | MediGuard Concept

- **2nd Prize** – Smart Dustbin Project, Smart Waste Management | 19 September 2025
- **3rd Prize** – Smart Pill Dispenser, Healthcare Automation | 26 March 2026