



# Dharun.R


Junior Full Stack Web Developer | AI & ML Enthusiast

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## EDUCATION

**Er. Perumal Manimekalai College of Engineering**  
Bachelor of Technology (Artificial intelligence and Data Science)  
GPA: **8.4/10.0**

Hosur, India  
**August 2022 – June 2026**

**Advait International Academy (CBSE) – 12<sup>th</sup>**  
Percentage – 64%

Hosur, India  
**June 2020 – May 2022**

**Eden Garden English School (CBSE) – 10<sup>th</sup>**  
Percentage – 81%

Krishnagiri, India  
**June 2019 – March 2020**

## SKILLS SUMMARY

- Languages:** Python, SQL, JavaScript, HTML + CSS
- Web Development:** Nodejs, ReactJs, AngularJS, ExpressJs, Mongoose
- Database Management:** MySQL, MongoDB, PostgreSQL
- AI/ML Technologies:** Scikit-Learn, Matplotlib, NLP, PyTorch, TensorFlow, Flask, Pandas, NumPy, OpenAI API
- Tools & Platforms:** Git, GitHub, VS Code, Postman, Power BI, MS Excel, PowerPoint
- Hosting & Deployment:** Render (Frontend + Backend), Netlify (Backend), RESTful API's
- Soft Skills** Adaptability and Quick Learning, Innovation-Driven Thinking, Detail-Oriented

## WORK EXPERIENCE

### ZIDIO DEVELOPMENT - INTERN

**June 2025 – July 2025**

- Assisted in the end-to-end development of responsive web applications using modern front-end and back-end technologies.
- Collaborated with UI/UX designers to build visually appealing and user-friendly interfaces that enhance user experience.
- Wrote clean, modular, and well-documented code, adhering to industry best practices and coding standards.
- Integrated third-party APIs and back-end services to ensure dynamic and scalable application functionality.
- Participated in code reviews, debugging sessions, and performance tuning to improve application reliability.
- Supported the development team by following agile methodologies and maintaining detailed project documentation.

## PROJECTS

### Smart Attendance system with NFC (Final year Project)

**February 2024 - Present**

- Developed an AI-based attendance system integrating NFC authentication and face recognition for secure, automated logging.
- Utilized ESP32-CAM, Raspberry Pi 5, and Python (OpenCV) for real-time identity verification and SSD-based local data storage.
- Designed as a modular, enterprise-ready solution with features like a performance dashboard, remote access, and anomaly detection.

### Smart Supply Chain Management

**February 2025 – March 2025**

- Built a web-based, enterprise-scale Smart Supply Chain System to optimize logistics, inventory, and forecasting using AI/ML.
- Integrated data from IoT sensors, ERP systems, and third-party APIs for real-time visibility and predictive analytics.
- Delivered intelligent automation for mission-critical enterprise operations, enhancing efficiency, agility, and decision-making.

### Chatty

**November 2024 – January 2025**

- Built a real-time one-on-one chat platform with live messaging and responsive UI for seamless communication.
- Technologies Used: Node.js, Express.js, Socket.io, HTML, CSS, JavaScript

### Product cart

**May 2024 – July 2024**

- Created a basic web-based e-commerce model that allows users to create, edit, delete products, add to cart, and simulate checkout.
- Technologies Used: HTML, CSS, JavaScript, Node.js, Express.js

### Simpsons face recognition

**January 2024 – March 2024**

- Built a machine learning model to recognize and classify Simpsons characters from images using facial features and custom dataset training.
- Technologies Used: Python, TensorFlow/Keras, OpenCV, CNN, NumPy, Matplotlib

## CERTIFICATIONS

### The complete Full stack Web development (Udemy)

**October 2023 – March 2025**

- Completed hands-on training in building dynamic web applications using HTML, CSS, JavaScript, Node.js, Express, React, and MongoDB.
- Developed full-stack projects, gaining end-to-end experience in frontend, backend, API integration, and database management.

### SAS Business Analytics for Beginners (Infosys Springboard)

**January 2025 – April 2025**

- Learned the basics of data manipulation, statistical analysis, and business insights using SAS tools for data-driven decision-making.

### Cloud Computing (Infosys Springboard)

**August 2024 - November 2024**

- Gained foundational knowledge of cloud concepts, service models, and major platforms like AWS, Azure, and Google Cloud.

### Python Bootcamp Zero to Hero (Udemy)

**November 2022 – September 2023**

- Mastered Python from basics to advanced, including OOP, file handling, and real-world coding exercises.