



# DHIVYAPRABHA N

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## OBJECTIVE

To utilize my skills and knowledge to contribute to the organization's success, while fostering a culture of innovation, teamwork, and continuous learning. I am eager to join an organization that values employee development and provides a supportive environment that encourages professional growth and excellence.

## EDUCATION

**Bachelor of Information Technology - 8.27** 2022 - 2026

Dr.N.G.P Institute of Technology , Coimbatore ,Tamilnadu.

**HSC (12th) - 85%** 2020 - 2022

Literacy Mission Higher Secondary School , Tirupur, Tamilnadu.

**SSLC (10<sup>th</sup>) - 75.6%** 2019 - 2020

Literacy Mission Higher Secondary School , Tirupur, Tamilnadu.

## SKILLS

- Programming Languages : Java,Python
- Web Development: HTML,CSS,JavaScript.
- IoT: Arduino, ESP32, Blynk.
- Low-Code Platforms: WordPress.
- Mobile & Cross-Platform: Flutter (Dart), Firebase,Supabase.
- **Soft Skills:** Project Management, Team Leadership, Public Speaking,Critical Thinking.

## INTERNSHIPS

**IoT** 2023

Completed a one week internship program on 'Basics of Internet of Things' at Krish Tec, Coimbatore in 2023, where I gained hands-on experience with IoT fundamentals.

**Low-Code Development** 2024

Successfully completed a 15-day internship program at Pinesphere Solutions, Coimbatore , focused on low-code platform development. I developed a fully functional e-commerce application, leveraging rapid application development skills and gaining hands-on experience with visual programming, drag-and-drop tools, and intuitive interfaces

## PROJECTS

**Laser Security Alarm** 2022 - 2023

An intrusion detection system using IoT sensors, and the Blynk App. Used laser beam interruption logic to detect movement and trigger real-time alerts through API integration. Deployed successfully in a prototype environment, showing reduced false positives and effective security.

Developed a user-friendly IoT smart home system for remote and voice-controlled operations. Integrated a mobile app using SinricPro and Google Home for smooth control of home appliances.

**Holistic Harmony - Customized Ayurveda for Modern Living**

Designed and created a health platform that combines Ayurvedic principles with modern technology. Built a responsive web interface using Flutter and Supabase. Enabled personalized Health Questionnaire, Finding Doctors, appointment booking and product recommendations.

**HACKATHONS AND PAPER PRESENTATIONS**

- **Hackathons** : Participated in a 24-hour Hackathon at Coimbatore Institute of Technology, Coimbatore.
- **Conference Paper Presentation** : Presented "Holistic Harmony: Customized Ayurveda for Modern Living" (Online) at London American City College, UAE (3rd Year).
- **Paper Presentations**
- "Smart Parking System" – Presented at Kalaignar Karunanidhi Institute of Technology, Coimbatore (2nd Year).
- "Smart Parking System" – Presented at KPR Institute of Technology, Coimbatore (2nd Year).
- "Smart Traffic Management System" – Presented at Bannari Amman Institute of Technology, Sathyamangalam (1st Year).

**NPTEL CERTIFICATES**

1. I have completed the NPTEL course '**Joy of Computing using Python**' and earned an **Elite** certificate.
2. I have successfully completed the NPTEL course '**Programming in Java**' and earned a certificate.
3. I have completed the NPTEL course '**Introduction to Industry 4.0 and Industrial Internet of Things**' and earned an **Elite** certificate.

**CO-CURRICULAR**

- At **Dr. N.G.P Institute of Technology**, Coimbatore, I volunteered and assisted in conducting a workshop during my second year in **Kanam**.
- At **Dr. N.G.P Institute of Technology**, Coimbatore, I served as a Class Coordinator for the **Tech Fest** during my second year.