# DHARANISH A

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## Executive Summary

Computer Science Engineering student with hands-on experience in full stack web development. Skilled in designing and developing responsive user interfaces and building backend services with secure APIs and database integration. Passionate about learning new technologies, problem-solving, and developing real-world applications.

## Technology Skills

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| **Languages:** | HTML, CSS, JavaScript, Python |
| **Frameworks / Libraries:** | React.js, Node.js, Express.js |
| **Databases:** | MongoDB, MySQL |
| **Tools:** | Git, GitHub, VS Code, Figma, Power BI, Tableau, Excel |
| **RPA:** | UiPath Studio |

## Education

**B.E. Computer Science**, Suguna College of Engineering, Coimbatore, Tamil Nadu — 2022 – 2026
CGPA: 8.0/10.0

**Higher Secondary Education**, Rasi Matriculation Higher Secondary School, Coimbatore — 2021 – 2022
Percentage: 72%

## Certifications

- Python Web Development – ICT Academy (by Infosys)
- Full Stack Development – NOVITECH
- Full Stack Java Development – Simplilearn
- MERN Stack Development – Naan Mudhalvan
- Digital Productivity with AI – CSC Academy & UNICEF (95%)

## Projects

**Paysprint Web Page (Role: Backend Developer)**
*Tech Stack: Node.js, Express.js, MongoDB*

- Engineered secure and modular REST APIs for authentication, user validation, and service processing, ensuring stable and maintainable backend workflows.
- Developed optimized MongoDB operations and integrated multiple third-party services to deliver real-time dynamic content to the frontend.

**E-Commerce Website**
*Tech Stack: React.js, Node.js, Express.js, MongoDB*

- Implemented product management, cart functions, authentication, and checkout workflows with proper validation and security.
- Built a responsive React UI integrated with backend APIs, providing a seamless and scalable online shopping experience.

**Smart Farming Recommendation System**
*Tech Stack: HTML, CSS, JavaScript, Python (Machine Learning)*

- Implemented ML models using Soil Health Card (SHC), **Leaf Colour Chart (LCC)**, and weather datasets to recommend crops for specific soil conditions.
- Developed an interactive web interface that connects to the Python backend, enabling farmers to receive real-time AI-driven crop recommendations.

## Achievements

- **Kalam's World Record – 24-Hour Codeathon (June 2024)**
  Recognized by Kalam's World Records (ISO 9001:2015 Certified) for participating in a 24-hour nonstop programming marathon as part of a world record–setting team.