Abinaya R

Coimbatore | kit27.csbs03@gmail.com | 9344870524 | in Abinaya | Abinaya

EDUCATION

Kalaignar Karunanidhi Institute of Technology

B.Tech CSBS, Pre-Final year   Current **CGPA: 7.8/10.0**
                                                                                                                                          2023 – 2027
Coursework: Computer Networks, Operating Systems, Database Management Systems, Python Programming, Web Technologies, Java, C

EXPERIENCE

Web Application Development Internship – Learn Logicify Technology, Coimbatore   June 2025

- Developed responsive UI components using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and clean code structure.
- Improved page layouts and interaction flows to enhance overall user experience. Collaborated with developers and designers
- to build and refine features for real-world client projects.

PROJECTS

Smart Alcohol-Responsive Ignition Lock System Using Arduino and MQ3 Sensor(Mini Project – Group) :

- Detects alcohol levels using an MQ-3 sensor and sends the data to an Arduino for evaluation.
- Blocks the vehicle's ignition automatically when the alcohol level crosses the safety threshold.
- Provides a fast, low-cost, and reliable method to reduce drunk-driving incidents.

Organic Species :

- Developed a fully front-end organic spices website using HTML, CSS, and JavaScript with a clean, responsive design.
- Users can browse products, view details, and add items to a dynamic cart with automatic total updates.
- Implemented real-time cart operations like quantity update, remove item, and price recalculation.

TECHNICAL SKILLS

C	Python
JavaScript	Github
OOPS	Java
SQL	HTML/CSS

CERTIFICATIONS & COURSES

NPTEL – Programming in Java	2024
Infosys Springboard – Java Foundation Certification	2024
Infosys Springboard – Python Foundation Certification	2024
Coursera – Build a Full Website using WordPress	2024

COMPETITIVEPROGRAMMING

Leetcode: Solved problems: **100+** | Rank : 3,469,296 | Global Ranking :732,951 | Top : 92.1%

Codechef : Solved problems: **400+ |** Highest Rating : 1035 **|** Global Rank : 142121 | Country Rank : 135686

ACHIEVEMENTS

- Secured NPTEL Elite (79%) in Programming in Java.
- Enhanced UI consistency and performance during frontend internship.
- Built a responsive e-commerce front-end with dynamic cart features (HTML/CSS/JS).
- Developed and tested an alcohol-responsive ignition lock system using Arduino and MQ-3.

VOLUNTEERING

- Volunteered as a peer mentor by helping juniors debug Python and Java code, improving their problem-solving approach and coding accuracy.