

DHANAVANDHINI V

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EDUCATION

Bachelor of Computer Application - , Christ University, Bangalore - cgpa: 3.04/4
Expected - 2026

SSLC - (2020 - 2023) , Oxford Mat Hr Sec School, Sivagangai -
96% (10th - grade) | 88.5% (12th grade).

EXPERIENCE

Web developer - KSHETRA BUSINESS TECHNOLOGIES PVT LTD,Coimbatore

Developed a Python-based tool for automating data cleaning, preprocessing, and statistical analysis on large datasets.

Technologies Used: Python

Accounts Manager - Retail Shops

Worked as an accountant for multiple retail shops. Handled day-to-day accounts, maintained records, and supported basic financial tasks.

PROJECTS

Beyond Labels – Website for Caste & Religious Discrimination Awareness

Created a website to raise awareness about caste and religious discrimination, enabling users to share stories, Watch awareness videos, and file complaints.

Technologies Used: HTML, CSS, JavaScript

Key Features: Video and article sections for awareness. Anonymous story sharing and complaint submission forms.

Skills Gained: Web development, front-end design, user experience.

Smart Rain Detection and Shielding System

Developed an IoT system for automated rain detection and protective shield deployment, integrating hardware with a microcontroller for real-time environmental response and an integrated drying mechanism.

Technologies Used: Arduino (C++), LDR Sensor, Servo Motor, DC Motor, Buzzer, Tkinter (Python for GUI).

Key Features: Detects rain via LDR sensor to trigger servo-controlled shield deployment.

Activates a DC motor for drying and a buzzer for immediate alerts.

Skills Gained: IoT system design, embedded programming, sensor integration, motor control, automation.

Joyful Campus – Space for Peace App

Created an app to help students find peaceful spots on campus. It maps quiet places, detects emotions, plays mood-based music, and sends motivational quotes. Students can also share their thoughts about each place.

Technologies Used: MongoDB, SQLite, Python, Android Studio, HTML, CSS, JavaScript

Integrated Travel Booking Platform (Website & Mobile App)

Developed a full-stack web and mobile application for a travel company (like Ola), streamlining booking of transportation and services.

Technologies Used: Frontend: HTML, CSS, JavaScript (with React.js for Web) Backend: Python (Flask)

CERTIFICATIONS

Infosys : Internet of Things 101, Infosys : BIG DATA, Infosys: DAA, Microsoft PL-300 ChallengeCWBVeloces.

L&T : Ethical Hacking, Infosys : Introduction of Python, Infosys : Android App Development with Kotlin,

SKILLS

Technical Skills Python, NLP, Java, Machine Learning, AI, HTML, CSS.

Soft Skills Leadership, Adaptability, Communication, Problem Solving, Creativity, Teamwork, Quick learner.

Languages Tamil, English, Malayalam; Kannada; German A1;

EXTRA-CURRICULAR ACTIVITIES AND LEADERSHIP

- Organized and Volunteered department events (FLUX - SAMAGRA), Led a team of one - Science Project captain(Scouts and Guides).
- Sports - All Rounder Player of Womens Football Team - Dept of Computer Science