

# KANAGA PRIYA S

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## CAREER OBJECTIVE

Motivated and technically skilled IT graduate with hands-on experience in Java, Python, and web technologies such as HTML, CSS, and JavaScript. Dedicated to developing user-centric applications and solving real-world problems. Seeking to leverage my skills in innovative development teams across various industries.

## EDUCATION

### B. Tech – Information Technology

Adhiyamaan College of Engineering, Hosur | 2021 – 2025 | CGPA: 8.95

HSC (XII) – St. Joseph's Matric. Hr. Sec. School, Hosur | 2021 | 95.29%

SSLC (X) – Parimalam Matriculation School, Hosur | 2019 | 93.20%

## INTERNSHIPS & IN-PLANT TRAINING

### CodSoft, West Bengal – Web Development Intern - June 2024

Completed a 4-week internship focused on front-end development, where I built responsive web pages using HTML, CSS, and JavaScript, and developed interactive projects such as a calculator and a personal portfolio website to enhance user engagement and interface design skills.

### Bharat Sanchar Nigam Limited (BSNL), Hosur – Inplant Trainee - June 2023

Completed a 1-week inplant training focused on understanding telecommunication systems, where I gained practical knowledge of communication protocols, network components, and signal transmission, along with insights into troubleshooting technical issues and improving overall system performance.

## PROJECTS

### Course Recommendation System

*Flask, HTML, CSS, JavaScript, SQLite*

Developed a personalized course recommendation web application that uses collaborative and content-based filtering algorithms to suggest relevant courses based on user preferences. Integrated dynamic course data, a responsive user interface, and feedback features while incorporating services like Coursera and Udemy to enhance user experience.

### Smart IoT Data Sharing System

*Flask, HTML, CSS, JavaScript, Firebase, SQLite, AES Encryption*

Created a secure IoT data sharing platform that enables encrypted data transfer using AES encryption and OTP-based role access. The system includes features for real-time data previews, analyst-side decryption, audit logging, and integration with cloud services such as ThingSpeak and Firebase for secure edge-cloud storage.

### Numerology Calculator

*HTML, CSS, PHP*

Built a dynamic numerology calculator that generates personalized insights using user input such as name and birth date. The application delivers customized results through a clean, responsive interface built with HTML, CSS, and PHP.

## SKILLS

### Programming Languages:

Python, Java, PHP

### Web Technologies:

HTML, CSS, JavaScript

### Databases and Tools:

SQL, DBMS, SQLite, Firebase, ThingSpeak, Azure (Basics)

### Framework and Version Control:

Flask, Git and GitHub

### Soft Skills:

Proactive, Adaptability, Team Collaboration, Quick Learner, Self-Motivated

## CERTIFICATIONS

- Java (Basics) – Hacker Rank
- Python (Basics) – Hacker Rank
- Cloud Computing – NPTEL
- Artificial Intelligence (Using Azure) - ICT Academy (Infosys Foundation)

## LANGUAGES KNOWN

- Tamil
- English

## AREA OF INTERESTS

- Front-End Development
- Full Stack Development
- Software Development
- Cloud Computing
- Azure AI Services