DINESH KINGSTON S

STUDENT | ASPIRING JAVA DEVELOPMENT

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SUMMARY

A dedicated Computer Science student with hands-on experience using Raspberry Pi and proficiency in C, Python, and Java. Skilled in applying programming concepts to real-world problems. Passionate about technology and eager to explore Machine Learning and Java Development.

EDUCATION

Bachelor of Technology in   **2022 - 2026**
Computer Science and Business System
Francis Xavier Engineering College

Higher Secondary   **2020 - 2022**
St. Antony's Matriculation Higher Secondary School

SSLC   **2016 - 2020**
Tilak Vidyalaya Higher Secondary School

TECHNICAL SKILLS

Languages: **Web Development:**   **Version Control:**
C   Html, CSS   Git & GitHub
Java   JavaScript   **Design:**
Python   Basic ReactJS   Canva

PROJECT

Object Detection Using Raspberry Pi
- Developed a real-time object detection system using Raspberry Pi and OpenCV to identify humans, bottles, and specific objects.
- Integrated a pre-trained deep learning model (YOLO/TensorFlow) for efficient object recognition in low-power environments.

Voice Recognition System
- Designed a web-based voice recognition system using HTML, CSS, and JavaScript to capture and process voice commands.
- Integrated real-time speech-to-text functionality with visual feedback using interactive UI elements and animations.

Online Fees Payment System
- Developed an online fee payment system using MySQL and a secure payment gateway for seamless transactions.

ADDITIONAL INFORMATION

- **Languages:** Tamil, English.
- **Certifications:** NPTEL and Internship.
- **Awards/Activities:** The Mega Project Expo, PCI Innovism and Hackathon
- **Internship:** Completed the Django high-level Python web framework and the create a bike ride project in IPCS Global, Chennai.