

Praveen Kumar

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github.com/praveenkumar022005 | linkedin.com/in/praveen-kumar-712279291 | Software Engineer

EDUCATION

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY | B.Tech in Information Technology
Expected Apr 2027 | Pondicherry • CGPA: 9.0

FATIMA HIGHER SECONDARY SCHOOL | Higher Secondary (Computer Science)
Apr 2023 | Puducherry.

EXPERIENCE

IOT INTERN | VEI Technologies

2024 | Pondicherry

- Designed and built a room air freshener system using IoT concepts and embedded components
- Integrated sensors and microcontroller logic to automate air freshener activation based on environmental conditions
- Tested and validated hardware-software interaction to ensure reliable operation of the prototype

PROJECTS

FLUID MONITORING SYSTEM USING IOT

IoT, Sensors

- Developed an IoT-based system to monitor fluid levels using sensors
- Triggered alerts based on predefined threshold values

STUDENT RECORD MANAGEMENT SYSTEM

Java

- Built a console-based application to manage student data
- Implemented CRUD operations using core Java concepts

FILE HANDLING UTILITY

Python

- Created a program to read and write data to files
- Implemented error handling for robust execution

PASSWORD GENERATOR

Python

- Developed a customizable password generator using random functions
- Allowed users to control password length and character composition

CERTIFICATIONS

AUTOMATION DEVELOPER ASSOCIATE TRAINING (V2024.10) | UiPath & ICT Academy

Dec 2025

- Completed Automation Developer Associate training under ICT Academy Cohort 2

JAVA TRAINING | Spoken Tutorial Project, IIT Bombay

Nov 2024

- Successfully completed Java training with online examination
- Score: 87.5% | Credits: 4

MONITORING AND INSIGHTS | MongoDB University

Oct 2024

TECHNICAL SKILLS

Programming Languages: C (Basics), C++ (Basics), Core Java, Core Python
Tools & Software: Adobe Photoshop, MS Office (Word, Excel, PowerPoint)
Systems & Tools: Linux (Basics), Git
Web Technologies: HTML (Basics)