

# **Pooja Manikanden**

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## **Career Objective**

B.Tech Information Technology student with a strong interest in networking and IT operations. Eager to understand how system components interconnect and how enterprise digital infrastructure functions through networks. Seeking an internship opportunity to gain practical exposure and develop hands-on skills in a professional IT environment.

## **Technical Skills**

Operating Systems: Linux (basic command-line usage)

Scripting: Bash scripting (basic)

Programming: Java (basic), Python, C

Web Technologies: HTML, CSS, JavaScript, PHP

Tools: Git, VS Code **Soft**

## **Skills & Languages**

Soft Skills:

- Communication and interpersonal skills
- Willingness to learn and adapt to new technologies
- Problem-solving and analytical thinking
- Team collaboration- Time management

Languages:

- English (fluent)
- Tamil (native)
- Hindi (conversational)
- Kannada (native)

## **Projects**

CPU Scheduler Simulator - HTML, CSS, JavaScript

- Implemented FCFS, SJF, Priority, and Round Robin scheduling algorithms
- Visualized execution order and performance metrics

Accident Prevention System for Unmanned Level Crossings - AGPS, GSM

- Proposed a safety solution using AGPS and GSM to alert vehicles at unmanned railway crossings and prevent accidents

## **Internship & Certifications / Workshops**

Full Stack Developer Intern - Brightspot Technology Solutions Pvt. Ltd., Coimbatore (1 Month)

- Gained hands-on exposure to frontend and backend web development
- Worked with web technologies and understood full-stack application flow

## BE10X AI Workshop

- Participated in an AI-focused workshop to understand the use of AI tools for improving productivity and efficiency

## ICBAI 2025 Conference Participant - Madurai Kamaraj University

- Research paper selected and presented at the ICBAI 2025 international conference

## Education

B.Tech - Information Technology | Thiagarajar College of Engineering, Madurai

2024 - 2028 (currently II year) | CGPA: 8.98

Higher Secondary (12th) | Vidya Nethra Matric Hr. Sec. School

2023 - 2024 | Percentage: 96.5%

Secondary (10th) | Vidya Nethra Matric Hr. Sec. School

2022 - 2023 | Percentage: 98%