Nisha K

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EDUCATION

B.E in CSE [IoT & CSBT], East Point College of Engineering and Technology**,** 7.3 CGPA 2022-2026
Higher Secondary School (12th), Narayana E-Techno School, 81% 2019-2021
Secondary School (10th), Narayana E-Techno School, 75.8% 2018-2019

PROFESSIONAL SUMMARY

Highly motivated CSE [IoT & CSBT] (CGPA 7.3, expected graduation 2026) with a specialization in Cybersecurity, IoT, and Blockchain Technology. Possesses a solid understanding of Python and Java, along with foundational experience in Digital Design, Artificial Intelligence fundamentals, and Embedded C. Demonstrates strong analytical thinking, problem-solving abilities, and a keen interest in applying innovative technologies to real-world challenges. Seeking a full-time opportunity to leverage technical expertise and contribute effectively within a dynamic, growth-oriented environment.

SKILLS

Programming Languages: Python (Intermediate)
Course Work: Database and management system, Computer Networks, Operating Systems, Data Structures and Algorithms with Java, Fundamentals of Artificial Intelligence, Introduction to Internet Of things, SQL Case Study, VLSI Digital Design – Chip Design and Verilog Programming
Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

PROJECTS

Safe Alert: Crime Tip-off and Reporting System
Implemented a secure and verifiable crime reporting platform by integrating Blockchain Technology for immutable record-keeping and Machine Learning for predictive alerting and categorization of crime tips.
Tech stack used: Python IDLE, Node JS, Java Script, HTML, CSS, Visual Studio

Face Recognition System
Developed and implemented a real-time face recognition application using Python and the OpenCV library.
Demonstrating the skills in image processing and computer vision fundamentals.
Tech stack used: Python, PyCharm IDE, Visual studio

IoT Project Smart Dustbin
Designed an IoT-based waste management prototype using an Arduino board and ultrasonic sensors to monitor fill levels.
Programmed the system to provide automated, real-time status updates.
Tech stack used: Arduino IDE

LED Blinking using Arduino Uno
Gained foundational experience in microcontroller programming and hardware interfacing by successfully controlling an external circuit using the Arduino Uno platform.
Tech stack used: Arduino IDE