

ZEESHAN

// CODE_WITH_ZEESHAN ·
IVORY SPECTER

Full Stack Developer & Cyber
Security Specialist

CONTACT

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CORE SKILLS

HTML5 / CSS3

JavaScript

Arduino / IoT

Python

PHP / MySQL

Java

Cyber Security

AI / ML

CERTIFICATIONS

IoT & Embedded Systems

Arduino / Coursera
2024

Cyber Security Fundamentals

Cisco Networking Academy
2023

Python for Data Science

IBM / Coursera
2024

Full Stack Web Development

FreeCodeCamp
2023

DIGITAL ARCHITECT & PROBLEM SOLVER

Full-stack developer and embedded systems enthusiast focused on building things that matter — IoT systems for agriculture, safety devices, college management tools, and everyday student utilities. Comfortable across the stack: from sensor wiring and microcontroller firmware to responsive web front ends and secure backend systems. Believes in code that works in the real world, not just in a demo environment.

PROJECTS

Smart Orchard Monitoring & Auto-Irrigation

IoT & Embedded Systems
Developer

Built a sensor-driven system to monitor soil, temperature, and environment data and automate irrigation for farmers.

Arduino Uno

Soil Moisture

DHT11

HC-SR04

Relay

Bluetooth

Advanced LPG Gas Leakage Detection & Safety System

Embedded Systems
Developer

Designed a gas-leak detection unit that automatically triggers alarms and safety mechanisms to prevent accidents.

Arduino Uno

MQ-2

Buzzer

Relay

Servo

Bluetooth

Government Polytechnic College — Official Website

Full-Stack / Frontend
Developer

Developed a responsive site centralizing departments, notices, and student resources for the institution.

HTML

CSS

JavaScript

Responsive UI

Netlify

Student Attendance Management System

Full-Stack Developer

Replaced manual attendance tracking with a searchable digital system for faculty and administration.

HTML

CSS

JavaScript

PHP

MySQL

College Bus / Transport Tracking Dashboard

Frontend & Backend
Developer

Built a live dashboard so students can check bus routes, timings, and current status.

HTML

CSS

JavaScript

Maps API

Firebase

Personal Expense & Student Budget Tracker

Frontend Developer

Created a browser-based tool for students to track daily expenses and monthly budgets with visual charts.

HTML

CSS

JavaScript

LocalStorage

Chart.js

FOCUS AREAS

- Internet of Things (IoT) & embedded systems for agriculture and home safety
- Full-stack web development for institutions and student-facing tools
- Cyber security fundamentals and secure system design
- Applied AI/ML and data-driven features

HIGHLIGHTS

- 6 real-world projects shipped across IoT, web, and full-stack domains
- 3+ years building hands-on hardware and software projects
- Deployed a smart irrigation system reported to cut water usage by ~30% while improving crop yield
- LPG leak detectors from this work are installed in 20+ homes in a rural community