

NINAD HAZARIKA

Electronics & Communication Engineering Student | Embedded Systems & AI

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PROFESSIONAL SUMMARY

Detail-oriented Electronics and Communication Engineering student with hands-on experience in AI data annotation, prompt evaluation, and embedded systems development. Skilled in reviewing AI-generated responses against detailed quality guidelines, identifying factual, logical, and language-related issues. Strong analytical thinker with excellent written English and a track record of building end-to-end IoT projects from PCB design through deployment.

EDUCATION

Bachelor of Technology — Electronics and Communication Engineering

Expected 2029

Tezpur University | First Year Completed

EXPERIENCE

AI Data Annotation / AI Trainer

Remote

Freelance

- Evaluated AI-generated responses for quality, factual accuracy, reasoning, and language.
- Compared multiple model outputs and selected higher-quality responses based on detailed evaluation guidelines.
- Identified hallucinations, logical inconsistencies, grammatical errors, and instruction-following issues.
- Maintained high attention to detail while working independently across multilingual and English-based annotation tasks.

PROJECTS

Smart Plant Monitoring & Automated Irrigation System

ESP32 • C++ • IoT • MQTT • PCB Design • Telegram Bot API

- Designed and built a complete IoT-based smart irrigation system with real-time monitoring of soil moisture, temperature, humidity, and water tank level.
- Implemented a live web dashboard, automatic irrigation control, and Telegram notifications for remote monitoring.
- Added an OLED display, human detection via IR sensor, touch interaction, and a relay-controlled water pump.
- Designed the custom PCB in EasyEDA, taking the project from schematic through fabrication.

ESP32 Learning Repository

Embedded Systems Mini-Projects

- Built a series of embedded systems projects including ultrasonic distance measurement, relay control, and soil moisture sensing.
- Explored PWM LED control, touch sensor applications, button interrupts, and Wi-Fi experiments on ESP32.

TECHNICAL SKILLS

Programming: C, Python (Learning), Basic C++

Embedded Systems: ESP32, Arduino, Sensors & Actuators, UART, GPIO, PWM

AI Skills: AI Response Evaluation, Prompt Assessment, Data Annotation, Quality Assurance, Instruction Following, Error Identification

Tools: Git, GitHub, VS Code, EasyEDA, Microsoft Office

ACHIEVEMENTS

- Successfully completed an end-to-end IoT Smart Plant Monitoring System, from PCB design to deployment.
- Built multiple embedded systems projects using ESP32.
- Contributed to AI model improvement through annotation and evaluation tasks.
- Active learner in Python and emerging AI technologies.

LANGUAGES & SOFT SKILLS

Languages: English (Professional Working Proficiency), Hindi (Professional Working Proficiency), Assamese (Native)

Soft Skills: Analytical Thinking, Attention to Detail, Problem Solving, Written Communication, Fast Learner, Time Management, Adaptability