Yash Chakerverti

Ghaziabad, Uttar Pradesh

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Education

Dr. A.P.J Abdul Kalam Technical University Lucknow   **2022 – 2026**
Bachelor of Technology in Electronics & Communication Engineering

Technical Skills

Developer Tools: Arduino IDE, Firebase, MATLAB, VS Code, GitHub, BLYNK.IOT, Fusion 360, Eagle
Languages: Python, CSS, HTML, C, Arduino

Experience

lvlAlpha Private Limited   **Dec 2023–Feb-2024**
EEE System Design Associate   *Remote*
- Assisted in TTMS™ Tool and Asset Tracking system Preliminary Technical Documentation.
- Worked on the New Product Development - "**ArchEON® and HadEON®**" Wearable Health Monitors.
- Built Vendor Management and Development for lvlAlpha® Manufacturing Process.

Projects

ARDUMIST
- Developed a portable humidifier by using microcontroller named ARDUINO UNO. It features that the humidifier will automatically starts to humidify the environment whenever the humidity gets low below 75%. When the humidity reaches below 75% the spray module starts spraying water through ultrasonic vibrations and it senses humidity through DHT sensors and displays temperature and humidity live at OLED screen.

Weather Monitor
- Designed and developed a project which monitors the temperature and humidity of a room and shows it on a mobile app named BLYNK.IOT live.

Automatic Plant Irrigation System
- Designed and developed a project which start irrigating the plants whenever the moisture level in the soil becomes low. Soil moisture sensor senses the moisture of soil continuously and whenever it senses low moisture the water pump starts pumping the water from the container and deliver it to the plants.

CERTIFICATES
- VLSI for Beginners (NIELIT)
- The Complete Python Developer (Udemy)
- Internship Completion Certificate (lvlAlpha)

Co-Curricular

Light De Literacy   **Dec 2022 – Present**
Camp Coordinator   *Ghaziabad, Uttar Pradesh*
- Try to educate unprivileged students in slum areas.

Unstop Igniters Club ABESEC   **Oct 2023 – Present**
Technical Team member   *Ghaziabad, Uttar Pradesh*
- Successfully organized the event named **WEB BATTLE (The Clash of Web)**.