

RANJEET YADAV

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[Linkedin](#) | [HackerRank](#)

EDUCATION

Quantum University

Computer Science and Engineering Diploma

Percentage: 80.7%%

Roorkee, Uttarakhand India

July 2021 - June 2024

Quantum University

Data Science Bachelor of Technology

Roorkee, Uttarakhand, India

August 2024 - June 2028

EXPERIENCE

FreeLancer Unit PVT. LTD | Frontend Developer Internship

Kathmandu, Nepal | June 2023 -

August 2023

- Designed and implemented website interface for mobile, desktop, and tablets.
- Designed Best web pages using HTML5 and CSS3.
- Collaborated with various departments to create unique and engaging content and landing pages.
- Created technical documentation for referencing and reporting on web development.

Angan Sweets (Akash Food) | Hospitality Accountant

Kathmandu, Nepal | SEP 2024 - JAN 2025

- Managing day-to-day financial transactions, including billing and invoicing using IMS software.
- Overseeing the dispatch and delivery of goods, ensuring accurate inventory tracking and order fulfillment.
- Handling financial reporting, reconciliation of accounts, and maintaining ledger records.
- Coordinating with suppliers and clients for smooth operations.
- Ensuring compliance with tax regulations and assisting with financial audits.

SKILLS

Programming Languages: C++, Python, Java, HTML, CSS

Libraries/Frameworks: Pandas, Matplotlib, NumPy, Seaborn, TensorFlow, Scikit-Learn

Tools / Platforms: VS Code, Anaconda, Github, Microsoft Offices

Databases: SQL

PROJECTS / OPEN-SOURCE

Intelligent Plant Watering System | Link

Arduino IDE, NodeMCU (ESP8266), Soil Moisture Senso,

Relay Module, Cloud dashboard(Blynk),

- Designed and developed an automated plant watering system using sensors and microcontroller-based technology.
- Implemented real-time soil moisture detection to monitor plant hydration levels.
- Programmed the system to automatically activate a water pump when moisture falls below a predefined threshold.
- Achieved efficient water conservation while maintaining optimal soil conditions for plant health.
- Utilized key components such as Arduino, soil moisture sensor, water pump, and relay module.
- Gained hands-on experience in embedded systems, IoT integration, and smart agriculture solutions.
- Strengthened problem-solving and hardware-software integration skills through practical application.

CERTIFICATIONS

- SQL Server Workshop For Beginners - **ScholarHat**
- Guest Lecture on Start-up, IPR & Entrepreneurship - **Quantum University**
- Problem Solving (Basic) - **HackerRank**
- HTML & CSS Essentials Bootcamp - **Lets Upgrade**
- Workshop on Cross-Platform Tools for App Development - **Quantum University**
- Interactive UI with React: Live Project Bootcamp - **SkillEcted**