# Bibek Tripathy

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B.Tech student with expertise in C++,Python, and interested in distributed systems, and Linux environments. Currently strengthening foundations in Network Security, and Enterprise Resource Management

## EDUCATION

Vellore Institute of Technology, Vellore — Expected Graduation - August 2028
B.Tech CSE — CGPA-8.58

Chaitanya's International School, Pune, Maharashtra — 2022-2024
Class XII HSC — 88.17%

DAV Public School, Balasore, Odisha — Completed-2022
Class X CBSE — 99.4%

## INTERNSHIPS

**Oracle EBS Functional & Technical Intern – Schreiber Foods Private Ltd.** **May 2026-June 2026**

- Evaluated 150+ OBIEE reports ahead of platform decommissioning, assessing usage and business relevance to recommend which reports to retain, modify, or deprecate.
- Designed and registered a custom PL/SQL Concurrent Program in OPM to generate production batch reports (batch status, planned vs. actual quantities, raw material consumption).
- Built an OBIEE report for AP Trial Balance by supplier with Excel output, parameterized by ledger and period, sourced from ap_invoices_all, xla_trial_balances, and related AP tables.
- Mapped end-to-end ERP business flows (Procure-to-Pay, Order-to-Cash, Record-to-Report) across Oracle EBS modules and their database tables, including subledger-to-GL reconciliation and 3-way matching controls.

## PROJECTS

QtPlantly (Qt/C++/SQLite) – Developed a cross-platform plant health and status monitoring application.
Link: https://github.com/BibekTripathy/QtPlantly

LedgeLite (C++/SQLite) – Terminal-based personal finance tracker with efficient transaction management and data persistence.
Link: https://github.com/FelicityIris/LedgeLite

PortScanner[Currently in Development] – Engineered a modular Python network monitoring tool that correlates open ports with system processes.
Link: https://github.com/BibekTripathy/portScanner

## SKILLS AND INTERESTS

**Computer Languages:** C, C++, Java, Python, Go
**Database technology:** SQL, MySQL, SQLite,
**Web Technologies:** HTML, CSS, JavaScript, React.js, REST APIs,
**Operating Systems:** Linux, Microsoft Windows
**Tools:** Git, GitHub, AWS, Oracle EBS, Power BI, Docker, Kubernetes
**Core Concepts:** Data Structures & Algorithms, Object Oriented Programming, Network Security
**Languages:** English, Hindi, Spanish (early A1)