

SHEYDA PALPAL

BS COMPUTER SCIENCE STUDENT

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GitHub: https://github.com/sheyda-dotcom

PROFESSIONAL SUMMARY

First-year BS Computer Science student at the University of the Cordilleras with academic project experience in Java programming, number-system conversion, bitwise operations, and digital logic. Interested in building practical software solutions and developing programming skills through personal projects, collaboration, and future internship opportunities.

EDUCATION

University of the Cordilleras — Bachelor of Science in Computer Science
2026–Present | First Year

Guinzadan National High School — Senior High School Graduate
2025–2026

PROJECTS

Radix Calculator | Java

- Java-based radix calculator supporting number system conversions and arithmetic across binary, octal, decimal, and hexadecimal.
- Applied number-system conversion logic and console input/output.

Bitwise Calculator | Java

- Built a calculator project with number-base selection and bitwise operations.
- Practised programming logic and user-input handling while working with different number representations.

Seven-Segment Decoder | CircuitVerse

- Designed a digital logic circuit mapping binary inputs to seven-segment display outputs.
- Used truth-table input/output combinations and logic gates to represent the decoder behavior.

TECHNICAL SKILLS

Programming: JavaScript, Python, HTML, CSS, SQL

Tools: Visual Studio Code, CircuitVerse, OnlineGDB

Foundations: Number systems, radix conversion, bitwise operations, truth tables, logic gates, problem-solving

PROJECT LINKS

Radix Calculator https://github.com/sheyda-dotcom/radix-calculator.git

Bitwise Calculator https://github.com/sheyda-dotcom/Bitwise-Calculator-App

Seven-Segment Decoder https://circuitverse.org/users/467339/projects/7-segment-decoder-using-logic-gates-c717ff4d-bdfa-4697-bca6-328e04b3ad67/simulator/edit

Portfolio https://sheyda-dotcom.github.io/my-portfolio/