

# KEVIN ROY MAGLAQUI

Zone 6 Lungog Narvacan, Ilocos Sur

<https://kevinroymaglaqui.is-a.dev/main-page.html>

[2234101@slu.edu.ph](mailto:2234101@slu.edu.ph)

<https://www.linkedin.com/in/kevin-roy-maglaqui-1664352b7/>

## TECHNICAL SKILLS

**Programming & Scripting** - Java, Erlang, Python, MySQL, Rust, Streamlit , Bash Scripting.

**Web Development** - HTML/CSS, React, PHP, NodeJS, WordPress, FastAPI & Uvicorn, Express.

**Tools & Others** - Git, Docker, Cisco Packet Tracer, Virtual Box, Kali Linux, other Linux distribution, MongoDB, WAMPserver, Google Analytics.

## PROJECT HIGHLIGHTS

- **Reservatory (PHP, Node.js, MySQL) - Course Requirement**
  - Laboratory equipment reservation system featuring role-based modules and real-time CRUD operations.
  - Developed Backend Functionality, ensuring low coupling and system is cohesive having both PHP and NodeJS as a backend stack for individual modules in the system.
- **BTC Forecasting API – Crypto Price Forecasting API (Python, FastAPI) - Deployed**
  - Developed an end-to-end crypto forecasting system with multi-source data mining, preprocessing, feature engineering, model training, and API deployment.
  - Implemented a secure REST API with authentication, rate limiting, and admin-managed API key generation, health endpoints, endpoint versioning, and non-SQL database CRUD operations.
  - Integrated model performance metrics (ROC AUC, precision, recall) and confidence filters for transparent, interpretable forecasts.
  - Containerized and deployed the application via Render (backend) and Database on MongoDB.
  - Built a frontend demo showcasing live API predictions and forecast accuracy.
  - (Demo available at: <https://bitcoin-precision-demo.streamlit.app>)
- **IT Capstone Project CCA Ticketing System (Express, Prisma, React) - Course Requirement (In Progress)**
  - Developed a web application ticketing system for SLU CCA Show and Ticket Management using React, Prisma and Express.
  - Deployed on Vercel.
  - Culminated software engineering skills like; requirements elicitation, resource management, team management, stakeholder management, and software design among other skills.

## EDUCATION

**Bachelor Of Science In Information Technology**

Saint Louis University, Baguio City - Expected Graduation July 2026.

## ADDITIONAL INFORMATION

- **Languages:** English, Tagalog.
- **Certifications:** Accenture Software Engineering Job Simulation Completion Cert. | Hackerrank Java & Python(Basic) Certification | Google Analytics Certification
- **Extra Curriculars & Professional Development:**
  - Attended academic industry field trip - Manila (Accenture, AWS Alabang, Angkas, Enchanted Kingdom IT dept.) : Visited company facilities, engaged with professionals, gained insight into enterprise systems, cloud infrastructure and agile workflows.