

# Keith John A. Pelonio

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## Objectives

A motivated Computer Science student seeking an On-the-Job Training opportunity in Technical Support or IT Support, where I can apply and further develop my technical and analytical skills. I possess a strong foundation in object-oriented programming, systems, and troubleshooting, supported by academic coursework and hands-on project experience. I am adaptable and eager to contribute to operational efficiency by providing reliable technical assistance in real-world industry environments. Willing to relocate within Metro Manila for career growth and professional development.

## Education

### Bachelor of Science in Computer Science

System Institute College (STI) College

GWA: 1.65/1.0

**Expected Graduation: July 2026**

Santa Rosa City, Laguna

## Relevant Coursework

- Data Structures and Algorithms
- Computer System Architecture
- Artificial Intelligence
- Software Engineering (1,2)
- Intermediate Web Programming
- Advance Web Programming
- Computer Organization
- Computer Programming (1,2,3)
- Information Assurance & Security (CF, DF)
- Programming Languages
- Application and Development
- Platform Technology

## Academic Project

### Thesis Project - Mobile Based an User Centric Energy Management System

- Developed a mobile-based system for real-time appliance-level energy monitoring with alerts, cost tracking, historical analytics, visual dashboards, and customizable notifications to support energy-efficient decision-making.
- Implemented forecasting features and backend integration to provide usage insights and accessible data visualization using C#, .NET MAUI, C++, Node.js, ASP.NET Web API, SQL Server, and web frameworks & tools.

### System Project - Employee Attendance Management and Monitoring System

- Developed a desktop-based system for managing employees and monitoring attendance activities, including time-in/time-out logging, automated tracking, and leave and overtime recording.
- Implemented structured reporting features to generate daily, weekly, and monthly attendance summaries using C# and SQL Server.

### Web Project - Inventory Management and Monitoring System

- Developed a web-based system for tracking inventory levels, stock updates, and reports with features including item categorization, real-time quantity monitoring, low-stock alerts, supplier management, and transaction history logs.
- Implemented user access control, intuitive dashboards, and exportable reports to improve accuracy, efficiency, and decision-making using PHP, HTML, CSS, JavaScript, and MySQL.

## Technical Skills

- Programming Languages: C#, Java, PHP, JavaScript, Python, C++
- Frameworks & Tools: .NET MAUI, ASP.NET Web API, Android Studio, Bootstrap, Tailwind CSS
- Web & Mobile: HTML5, CSS3, RESTful APIs, Meter/Sensor API Integration
- Databases: SQL Server, MySQL, Mysql Workbench
- IT Support: Hardware & software troubleshooting, application installation/configuration, system concepts, documentation
- Networking: IP addressing, subnetting, LAN/Wi-Fi setup, basic routing, device configuration, and network troubleshooting for reliable connectivity

## Soft Skills

- Technical and logical problem-solving
- Teamwork and collaboration
- Time management and adaptability
- Willingness to learn and take initiative