

Justine John C. Solas

Computer Science

Education

- Our Lady of Perpetual Succor College (2019-2023)
 - Bachelor of Science in Computer Science
 - STI College Marikina(2017-2019)
 - Senior High School - ICT-Mobile Application & Web Development
 - Marikina High School(2013-2017)
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Experience

IT Programmer/Web Developer

St. Scholastica's Academy of Marikina (July 2023 - Current)

- Maintained and supported legacy applications developed in PowerBuilder, used by key departments including the Registrar's Office, Business Office, and various academic units.
- Enhanced existing PowerBuilder applications by adding new features, generating custom reports, and implementing workflow improvements to streamline departmental processes.
- Administered school-wide databases using Sybase/SQL, managing student, employee, and financial records. Executed complex SQL scripts for large-scale data processing and discrepancy investigations.
- Successfully designed, developed, and deployed institutional systems in a real-world academic setting, including class scheduling, clinic management, attendance monitoring solutions and etc.
- Collaborated with third-party providers to establish API integrations with legacy systems, improving interoperability and data exchange.
- Provided technical support to faculty and staff, ensuring reliable operation of school IT systems and resolving issues promptly.
- Created and maintained comprehensive documentation for developed programs and regularly generated operational and management reports.

Information Technology Internship

SalesrainBPO (College)

- Help the IT team in upkeeping hardware, software, and other systems.
- Quickly troubleshoot and provide solutions for operational problems.
- Conduct regular maintenance on network components, configure routing VLAN, and have knowledge of OSI layers and protocols.

Information Technology Internship

CPOINT SHOE STORE (Senior High School)

- Set up desktop computers in line with the organization's IT policy.
 - Manage and sustain IT resources.
 - Aid in resolving technical problems and offering technical support.
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Training and Certifications

- **TESDA National Certificate II Computer System Servicing**
 - Install and configure computer systems
 - Setup computer Networks
 - Setup computer Servers
 - Maintain and repair computer systems and networks

- **UDEMY The Web Developer Bootcamp 2025**

The Complete Web Development Bootcamp by Colt Steele

- HTML, CSS, JavaScript (ES6+), and DOM manipulation
- Build responsive websites using Bootstrap
- Backend development with Node.js and Express
- RESTful routing and full-stack application development
- User authentication with Passport.js
- Deploy apps using Heroku
- Build and deploy projects like YelpCamp and interactive web apps

- **UDEMY 100 Days of Code**

The Complete Python Pro Bootcamp for 2023

- Python programming language
- Learn automation, game, app and web development, data science and machine learning all using Python.
- Learn APIs, Selenium, BeautifulSoup, Request, Flask
- Create a portfolio of Python projects to apply for developer jobs
- Build fully fledged websites and web apps with Python
- Build games like Blackjack, Pong and Snake using Python
- Build GUIs and Desktop applications with Python

- **UDEMY The Complete SQL Bootcamp**

The Complete SQL Development Bootcamp by Colt Steele

- Worked with real-world databases and complex queries
- Learned to use SELECT, INSERT, UPDATE, DELETE, and aggregate functions
- Performed JOINS, subqueries, and nested queries
- Used GROUP BY, HAVING, and window functions
- Designed and normalized relational databases
- Practiced writing efficient, clean SQL for data analysis and reporting

- **Nexus IT Windows Server 2019 System Administration**

- Server Deployment in Hyper-V
- Active Directory Administration
- Active Directory Maintenance
- File Server setup using DFS
- Introduction to Group Policy
- Advanced GPO Folder Redirection
- FSRM Quota Management

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- MNET IT Solutions Python Programming
 - Great Learning Python Programming
 - Great Learning JavaScript
 - Great Learning HTML
 - Great Learning CSS
 - Great Learning CSS

Tech stacks

- **Languages:** Python, Javascript, Powerscript(Powerbuilder 11)
- **Framework:** Django, Flask, Bootstrap, React JS, Express JS
- **Database:** Sybase, SQL Lite, MySQL, Mongo DB
- **Technologies:** HTML5, CSS3, Node.js, MySQL, Git, RESTful APIs

Personal Projects

- Online Portfolio
 - Note Web Application
 - Yelp Camp – Campgrounds Web Application
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Skills

- Discipline
 - Time Management
 - Patient
 - Teamwork
 - Flexible
 - Determined
 - Works Under Pressure
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