

Miguel Angel Caballero Lynch

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Education

Universidad Privada del Norte

Bachelor's in Computer Systems Engineering

Lima, Perú

Expected, December 2024

ISTP

Front-End and Back-End Web Developing

Lima, Perú

Februaury 2023

Certifications

Cisco Certified Network Associate (CCNA):

Course: Introduction to Networks and Switching, Routing, and Wireless Essentials

Skills: Cisco Networking

Cisco

June 2023

CompTIA Security+ SY0-601:

Courses:

- Secure Architecture and Design
- Cybersecurity Threats and Vulnerabilities
- Network Automation and Programming
- Secure Protocols, Systems, and Solutions Deployment
- Governance, Risk, and Compliance for Information Security
- Cybersecurity Incident Response and Operations
- CompTIA Security+ SY0-601 Preparation
- Secure Architecture and Design Resources

LinkedIn

April 2023

Amazon Web Services (AWS):

Course: Amazon Web Services for IT Professionals

Skills: Amazon Web Services (AWS)

LinkedIn

Mar 2023

Microsoft Azure:

Courses:

- Azure for IT Administrators
- Azure for Development and Programming
- Essential Microservices with Azure

LinkedIn

Mar 2023

SQL:

Courses:

- Administration and management of Azure SQL databases
- SQL development and administration using Oracle
- Database administration and development using PostgreSQL
- Administration and management of MySQL databases

LinkedIn

June 2023

Experience

Instituto para la Calidad PUCP

March 2024 – May 2024

Technology Intern

- Developed and maintained Google Scripts pivotal to the institution's operations, facilitating seamless credential management and license allocation for faculty and students. This involved not only writing and optimizing scripts but also ensuring their compatibility and integration with existing systems.
- Provided comprehensive technical support to various departments including sales, marketing, and consultancy, serving as a liaison between technical teams and end-users. Resolved a wide array of technical issues promptly to minimize disruptions and maximize productivity.
- Spearheaded the meticulous migration of data from Centuria (Oracle PeopleSoft) to Canvas, the institute's primary platform for managing master's programs, diploma courses, and more. This involved data cleansing, transformation, and validation to ensure accuracy and consistency throughout the migration process.
- Administered and maintained Oracle Eloqua, Oracle Sales, and Oracle Analytics platforms, overseeing user access, system configurations, and troubleshooting to ensure optimal performance and data integrity. Implemented customizations and enhancements to align these platforms with the institute's evolving needs.
- Collaborated closely with cross-functional teams including developers, system administrators, and business stakeholders to identify opportunities for process optimization and automation. This involved conducting thorough analysis, proposing solutions, and implementing enhancements to streamline workflows and enhance operational efficiency.
- Played a key role in the creation and maintenance of technical documentation, including system configurations, procedures, and troubleshooting guides. This not only facilitated knowledge transfer within the team but also ensured compliance with internal standards and best practices.
- Actively participated in training sessions and knowledge-sharing initiatives to stay abreast of emerging technologies and industry trends. Leveraged new insights and skills to propose innovative solutions and drive continuous improvement across various technology initiatives within the institution.

Devdatep Consulting

September 2023 – December 2023

Database Administrator

- Performed regular database maintenance tasks such as backups, restores, and data integrity checks to ensure data availability and reliability.
- Managed user access to the database, created user accounts, assigned privileges, and enforced security measures to protect sensitive data.
- Monitored database performance, identified and resolved performance issues, optimized query execution plans, and tuned database parameters for optimal performance.
- Implemented and managed backup and recovery strategies to protect against data loss and ensured timely recovery in case of system failures or disasters.
- Identified and resolved database-related issues, troubleshooted errors, and worked with system administrators and developers to resolve performance or functionality problems.
- Maintained accurate and up-to-date documentation of database configurations, schemas, procedures, and troubleshooting guides for future reference.

GAOTek Inc.

April 2023 – June 2023

Software Development Intern

- Assisted in software development by collaborating with the development team, contributing to the design, coding, and testing of software applications under the guidance of senior developers.
- Identified and resolved software defects by analyzing and debugging code, ensuring the smooth functioning of the applications.
- Conducted thorough testing of software modules and functionalities, identifying and reporting any issues or discrepancies, and working closely with the quality assurance team.
- Assisted in documenting software requirements, specifications, and design details, as well as preparing reports on project progress and findings.
- Kept up-to-date with the latest software development technologies, frameworks, and best practices, actively seeking opportunities to expand knowledge and skills.
- Worked closely with team members, coordinating tasks, sharing insights, and contributing to the overall success of software

development projects.

- Adhered to coding guidelines, development standards, and best practices to ensure code quality, maintainability, and scalability.
- Attended team meetings, brainstorming sessions, and code reviews, actively participating by contributing ideas, providing feedback, and enhancing collaboration within the development team.
- Utilized the internship opportunity to enhance technical skills, gain practical experience, and develop a deeper understanding of the software development lifecycle by actively seeking feedback from senior developers and engaging in professional development activities

Jemilu

August 2023 – December 2023

Java Development Intern

I was responsible for developing an information system for registration, inventory, and sales processes for the establishment using the Java programming language. I presented the report documentation and development using the agile SCRUM methodology.

- I reduced the delivery time to clients by 30% by developing a registration system.
- I optimized each of the processes that initially presented irregularities.

Languages

- English B2
 - Spanish Native
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Skills

- | | |
|----------------|---------------------|
| • Leadership | • Perseverance |
| • Proactivity | • Work in equipment |
| • Organization | • Empathy |
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Software

❖ Database Management Systems:

- Proficient in administering and managing databases using various systems, including MySQL, Oracle, PostgreSQL, and Azure SQL databases.
- Experience in performing regular maintenance tasks, backups, restores, and data integrity checks to ensure optimal database performance.
- Skilled in writing complex SQL queries and optimizing database performance.

❖ Cloud Computing:

- Extensive experience with Amazon Web Services (AWS) and its cloud computing services, including EC2, S3, RDS, and Lambda functions.
- Familiarity with Microsoft Azure, covering aspects such as IT administration, development, programming, and essential microservices.
- Experience in designing and implementing scalable and secure cloud architectures.

❖ Network Security:

- Cisco Certified Network Associate (CCNA) with expertise in Cisco Networking.
- CompTIA Security+ SY0-601 certified, demonstrating knowledge in secure architecture and design, cybersecurity threats, network automation, and programming, among other security aspects.
- Experience in implementing network security measures, such as firewalls, VPNs, and intrusion detection systems.

❖ Programming Languages:

- Proficient in Java programming, with practical experience gained during an internship at Jemilu.
- Contributed to the development of an information system for registration, inventory, and sales processes using Java.
- Familiarity with other programming languages, including Python, JavaScript, and C++.

❖ Software Development Tools and Practices:

- Practical experience in software development at GAOTEK Inc. as a Software Development Intern.
- Familiarity with coding guidelines, development standards, and best practices to ensure code quality, maintainability,

and scalability.

- Actively participated in team meetings, brainstorming sessions, and code reviews to collaborate effectively with other developers.

❖ **Documentation and Reporting:**

- Proficient in documenting software requirements, specifications, design details, and project progress.
- Maintained accurate and up-to-date documentation of database configurations, schemas, procedures, and troubleshooting guides.
- Skilled in creating comprehensive technical reports and presenting project progress to stakeholders.

❖ **Agile Methodology:**

- Implemented Agile SCRUM methodology during the Java Development Internship at Jamilul for the development of an information system.
- Collaborated with cross-functional teams, participated in sprint planning, and delivered iterative software increments.
- Presented comprehensive report documentation on the project progress and development during agile ceremonies.

❖ **Google Scripts Development:**

- Developed and maintained Google Scripts pivotal to the institution's operations, facilitating seamless credential management and license allocation for faculty and students. This involved writing and optimizing scripts and ensuring compatibility and integration with existing systems.

❖ **Data Migration:**

- Spearheaded the meticulous migration of data from Centuria (Oracle PeopleSoft) to Canvas, the institute's primary platform, involving data cleansing, transformation, and validation to ensure accuracy and consistency throughout the process.

❖ **Oracle Platform Administration:**

- Administered and maintained Oracle Eloqua, Oracle Sales, and Oracle Analytics platforms, overseeing user access, system configurations, and troubleshooting to ensure optimal performance and data integrity. Implemented customizations and enhancements to align these platforms with the institute's evolving needs.

❖ **Technical Support:**

- Provided comprehensive technical support to various departments including sales, marketing, and consultancy, resolving a wide array of technical issues promptly to minimize disruptions and maximize productivity. Acted as a liaison between technical teams and end-users.

❖ **Cross-Functional Collaboration:**

- Collaborated closely with cross-functional teams including developers, system administrators, and business stakeholders to identify opportunities for process optimization and automation. Conducted thorough analysis, proposed solutions, and implemented enhancements to streamline workflows and enhance operational efficiency.