Natalia Abigail Pérez Romero

Computer scientist

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SUMMARY

I am a highly skilled and driven computer scientist with expertise in software development, algorithm design, cloud computing, and operating systems. Grounded in strong computer science fundamentals and fueled by a passion for innovation, I have developed a versatile skill set that includes network security, distributed systems, data science, and AI. My aim is to apply my technical expertise and analytical problem-solving to design scalable, efficient, and secure systems that deliver impactful and sustainable results.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, JavaScript, TypeScript, Rust, Go
Cloud Platforms: AWS, GCP, Azure, CloudOp,
Networking & Security: Protocol design, VPNs (WireGuard), cloud security best practices, firewalls, cryptography, network protocols
System Architecture: Distributed systems, cloud computing, microservices
Customer Success: Technical account management
Software Development: Agile methodologies, CI/CD
Version Control: Git, GitLab, GitHub
DevOps: Docker, Kubernetes, Terraform
Databases: SQL, PostgreSQL, MySQL, MongoDB, Oracle database
Data Science & AI: Machine learning, deep learning
Operating Systems: Linux, Windows
Libraries: Spring, TensorFlow, Keras, PyTorch, NumPy, Pandas, Scikit-learn

EXPERIENCE

Lead Automation QA Engineer
Apr. 2020 – Feb. 2021

Somename-bank - it's a big bank with web, API and mobile applications.
City, Country

- Created common testing framework (Java, Cucumber, RestAsssured, for component testing in 5+ teams
- Covered 100% manual scenarios with automation (Java, Selenide, Cucumber, RestAssured) that decreased regression time from 5 days to 2 days
- Integrated automation jobs into Jenkins and maintained test automation logs, reporting and verifying bug resolutions
- Successfully implemented new processes across 8 teams: created test quality metrics, training materials, organized onboarding, improving work processes for production defects
- Contributed to candidate interviews and mentored QA engineers, providing guidance and assigning tasks
- Awarded as "Engineer of the Year - QA", "Delivery team of the Year"

Senior Quality Assurance Engineer
Jul 2017 - Feb 2018

Experio, OpenBank
City, Country

- Manual testing for a big bank. Worked with CFT, MS Dynamics CRM, 3Card-R, OpenWay Way4.

QA Engineer
Feb 2014 - Jul 2017

LANIT BPM
City, Country

- Project with medical desktop application, where I participated as a manual QA Engineer and mentored 3 juniors.

EDUCATION

Name State Technical University
City, Country

Engineer's Degree, Faculty of Electronics and Instrument Making
2007 - 2012

CERTIFICATIONS

Cloud Digital Leader - Google Cloud
Issued Sep 2022 - Expires Sep 2025