Nicolas Guarin Gaviria

nicolasguarin1997@gmail.com | +573053722169 | www.linkedin.com/in/nicolas-guarin-gaviria-08a4091a1 | https://github.com/Nggerizo97?tab=repositories | Nicolas Guarin Gaviria Portfolio (nicolas-guarin-gaviria-my-web-page.pages.dev) | Medellin, 050032 CO

Mechatronics Engineer with over 3 years of experience in software and data engineering. Specializing in AI, cloud technologies (Azure, AWS), and data analytics. Proficient in Python, SQL, Azure services (Databricks, Machine Learning, DevOps), Power BI, and Agile project management. Demonstrated success in developing scalable microservices, deploying predictive models, and delivering actionable data-driven insights. Spearheads Leads innovation by integrating Industry 4.0 technologies and maintains a commitment to continuous learning in emerging tech landscapes.

Aptitudes and Skills

- Technical Skills: Python, SQL, Power BI, Microsoft Azure (Azure Databricks, Azure Machine Learning, Azure DevOps), AWS, CI/CD, Git, Matlab, Excel, Data Analysis, Machine Learning, Microservices, SDLC Management, Automation Testing (Serenity, Playwright), Data Visualization, Cloud Architecture.

- Methodologies: Agile, Scrum.

- Professional Skills: Teamwork, Dynamic, Creativity, Resilient, Customer Service, Empathy, Leadership, Problem-Solving, Communication.

Latest Experience

FULL STACK SOFTWARE ENGINEER ASSOCIATE
Company: Scotiabank
Apr 2025 - Present [Bank – Technology in Financial Emphasis]
- Develop secure, scalable full-stack applications using **Python, Azure, and Power BI**.
- Designed **clean architecture** for Azure/Power BI, optimizing ETL workflows to enhance data flow efficiency.

SUPPLY DATA ANALYST
Company: Michael Page – Third Partner (ISA Interconexión Eléctrica S.A. E.S.P.)
Feb 2025 – Apr 2025 [Energy Company]
- Engineered 3 RPA automations for information retrieval, enhancing data delivery speed and reliability for Power BI reports.
- Built predictive models with ML/statistical analysis, cutting processing time by 50%.
- Ensured high-quality data for Power BI by developing ETL pipelines to convert and structure over 100 CSV files into SQL tables on Databricks Gold Layer.

SOFTWARE ENGINEER AND AI SUPPORT
Company: Bancolombia
May 2022 – May 2024 [Bank – Technology in Financial Emphasis]
- Demonstrated strong technical proficiency by streamlining processes, enhancing efficiency, and reducing errors by 30%.
- Led **SDLC for cloud services**, reducing costs by **100% per app** and deployment times by **95%** from 2 days to 2 hours.
- Leveraged expert automation testing abilities, achieving a 99% bug-free application rate using Serenity and Playwright.
- Innovative leader in chatbot campaign execution, scaling customer reach from 100,000 to 1 million users monthly.

BUSINESS ANALYST INTERNSHIP
Company: Bancolombia

Jul 2021 – Jan 2022 [Bank – Technology in Financial Emphasis]
- Automated Excel workbooks to enhance efficiency and accuracy in handling large volumes of data Reducing manual error by 70%.
- Decreased turnaround time by automating the transfer of over 30,000 data entries, dropping the need for copy-pasting.
- Enabled VPs to project future data up to 6 months in advance, enhancing strategic planning.

Education

MECHATRONICS ENGINEER
University: Metropolitan Technological Institute
Talented Major in Robotics and Artificial Vision
Apr 2022

Certifications
- https://www.credly.com/badges/f91e63e9-820e-4f56-878c-3142232eec06/linked_in?t=rkikvm
- https://www.credly.com/badges/aefdb276-9ab0-4b99-ae52-4f3828dce5f1?source=linked_in_profile
- **https://courses.skillsbuild.skillsnetwork.site/certificates/9789311eca9841d3afdd0efbda1ab8d7**

Languages
- Spanish
- English