



NICOLAS FRANCE

Technical Specialist in Infrastructure Artificial Intelligence Specialist

I am a student of the Information Systems Engineering career, passionate about technology. I found my vocation in programming and I was able to exercise it as a profession working as a Technical Specialist in Infrastructure and Specialist in Artificial Intelligence in Algeiba, where I develop my leadership and teamwork skills.



CONTACT

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Cordoba, Argentina



Language

English - Write : Upper intermediate

English - Talk : Upper intermediate



DATOS ADICIONALES

Course

- Artificial Intelligence Specialist
- HTML, CSS, JavaScript, Python, SQL,
- Linux, Docker Course
- Robotics Course - Arduino Cisco
- Networking Academy Course
- Cybersecurity Playbooks Course
- Cybersecurity in Teleworking
- Machine Learning Crash Course
- Elements of AI Course
- Azure Fundamentals Course
- AWS Course
- Wordpress Course
- English Courses and Institution
- CPR Course



EXPERIENCE

Actualidad

Algeiba / Technical Specialist in Infrastructure

- Automate bulk server reboots in PowerShell
- Implementation of innovative ideas and password management
- Automated flow for sending emails to WhatsApp
- Initiation of a new area of artificial intelligence
- Using Server Access with Bomgar
- Use of IOS application implementations- Android

2023 - Junio 2024

IT Infrastructure Support / Department of Health - NTB Solutions

- Monitoring and maintenance of virtual servers on Linux and Windows Server
- Taking action when anomalies are detected to prevent incidents
- Administration of systems such as iTop, Zabbix, Rocket Chat, Alfresco, Superset, VMware, Pentaho, Data Integration, Report Designer, and Passbolt
- Deployment, maintenance, and support of internal applications, mainly with Docker. Implementation and troubleshooting of Oracle DB and SQL Server databases.
- Task automation with Python and Bash script, PowerShell.
- Level 2 support for application solutions for the Health Information System of the province of Cordoba.
- Documentation of implementations and common issues
- Help desk support, level 1 support training, and assistance with technical and administrative questions from staff
- Level 1 and level 2 remote support for provincial public health centers in the province of Córdoba
- Monitoring of virtual server resources with Zabbix, as well as detection, analysis, and reporting of anomalies and errors for prompt resolution in network systems, as well as switch monitoring
- Documentation of processes and incident resolution, contributing to the organization's knowledge base
- Maintenance and use of VMware ESXI for the creation of servers for test implementations

2023

Web Developer - Creative Work Digital Marketing

- Website creation: Analysis of customer requirements, website design, website development, website testing.
- Website administration: Content updates, website maintenance.
- Website optimization: Search engine optimization, usability
- Website maintenance: Troubleshooting, backups Systems used: WordPress (customized with CSS, HTML)

2019-2023

Volunteer soldier in the Argentine Army



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Skills



EDUCATION

National Technological University - Cordoba Regional Campus

- Information Systems Engineering.
- (evening shift)

Participatory talks

- Cybersecurity Talks: Cybersecurity Skills Cube

- Application Monitoring Talks: Zabbix Functionality and Utility

Languages and Frameworks

- Python development: data structures, functions, classes, handling libraries such as pandas, numpy, requests, httpx for data analysis and API consumption.
- API and web application development with Flask and FastAPI.
- Knowledge of JavaScript: DOM manipulation, asynchrony, and events; use of Node.js, Express.js, and React.js for frontend and backend projects.

Artificial Intelligence and Chatbots

- Design and implementation of virtual assistants and chatbots with API integration (WhatsApp, Microsoft Teams, Google Play Console).
- Natural language processing and speech recognition in Python.
- Integration of AI models for opening applications, executing commands, and automating tasks in local environments.

Databases

- Management and queries in PostgreSQL, Oracle DB, and SQL Server.
- Data integration and ETL with Pentaho Data Integration.

DevOps and Automation

- Use of Docker for application deployment and maintenance.
- Creation of automation flows with GitHub and PowerShell.
- Version control with Git and management of virtual environments with venv.
- Experience in Scrum environments.

Testing and Quality

- Test automation.
- Documentation of processes and APIs for development teams.

Featured Personal Projects

- **Notable personal project:** Lead development of the Dani system, integrating multiple automations, voice control, and productivity tools, consolidating all the technological capabilities developed in previous projects.
- **AI-integrated assistant:** to improve interaction and automation of tasks on the computer.
- **Web and application development:** Creation of websites with WordPress and pure code, using own domains and hosting on GitHub. Implementation of advanced features, SEO optimization, and responsive design. Development in progress of proprietary applications with map integration called HolyFind/HolyMap.
- **Server automation and administration:** Development of an automation system for mass server reboots, with graphical verification and timer. Performing multiple file modifications and conversions from AAB to APK compilations.
- **Technology integration and bot projects:** Creation of "RUH" (Unified Patient Receiver) and the SiSaludBOT project, including integration of artificial intelligence and automatic notifications. Development of a bot that processes email information and sends alerts via WhatsApp with attachments. (LinkedIn evidence)
- **Renovation of the hospital system login page for Córdoba Hospitals** (LinkedIn evidence).