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RESUME

I have started in the IT area (Software Development) in 1990, first as a programmer in the COBOL language and later as a systems analyst. For more than 8 years I worked with systems development for mainframe environment (ABC-BULL DPST-7, using the GCOS7 operating system). During this period I used programming in COBOL language daily. My work involved the modeling of the solution, coding of the programs and unit tests, as well as the construction of the programs in batch (JCL), logical and physical design of the database in a network model (database predecessor to the relational databases), and definition and implementation of the indexed files. **As a systems analyst I participated in the complete cycle of systems development, from requirements gathering, through the conceptual and logical design of programs and databases, through coding and testing of programs, building and loading the database, unit testing , integration testing, system testing, deployment, user training and corrective and adaptive systems maintenance.** By 1997 I was already working with relational databases.

During the period 2010-2011 and 2013-2014, I worked as a systems analyst, using in a daily basis the cobol language, bash script, awk script, in UNIX environment. **As a systems analyst, I was responsible for the modeling and construction of new modules for the system, from the requirements gathering, through the other phases to the implementation of the system, deployment, training of users and corrective and adaptive systems maintenance.** During this period (2010-2011 and 2013-2014), I was also responsible for managing the projects under my supervision. In that time I worked with PMI and SCRUM methodologies. During this period I also worked with the service desk paradigm, in which the end users opened work orders with requests for changes to the system in production. Upon receiving those work orders, they were answered in order of priority. We made the change in the system, generated test mass and only after the approval of the end users, the modifications made were put into production.

From 1995 to 2020, I also worked as a university professor in courses in computer science, computer engineering, civil engineering, production engineering, administration, accounting, teaching subjects such as relational database modeling and design, decision support systems, human-computer interaction, programming in Java language, e-commerce, mathematical logic, linear algebra, probability and statistics, computer network technologies and web application development, among others.

I am currently engaged in developing skills and competencies in data science and machine learning. I have already acquired competence in using the resources that the python language offers for performing exploratory data analysis using pandas, numpy, matplotlib, seaborn, pyplot, plotly, among others. As for machine learning, I have already acquired

experience using the resources python offers for supervised and unsupervised learning, such as the scikit-learn library and the algorithms RandomForrest, Naive Bayes, Support Vector Machines, XGBoost, CatBoost, K Nearest Neighbors, Logistic Regression, Linear Regression, Neural Networks, among others.

I have a degree in mathematics, a specialization (MBA equivalent) in computer science, a master's degree in computer science. I attended several subjects from two other courses (MBA equivalents). One in corporate finance and the other in business process modeling.

I have now resumed my undergraduate studies. I have just one more year of studies to get a bachelor's degree in economics.

I consider myself a results-oriented person. As a systems analyst, **I've always worked with a low level of supervision**, I mean, when I'm delegated a task, I require a low level of supervision to complete it. Knowing what is expected to be done, I go and do it. If I encounter obstacles in the way, I do research, use my skills, experience, and competence to find the solution. **In a business environment, I work with a focus on helping the company achieve its goals, which invariably involve satisfying customer needs. I consider myself a person capable of bridging the gap between the technology area and the business area.** You often hear criticism that programmers and software developers know a lot about the tools but don't understand the business needs. This is certainly not my case, as **I can travel safely both in the IT and business area**