



SIOMARA CINTIA PANTAROTTO

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TECHNICAL SKILLS

Programming languages and technologies: Java (OOP), Android, Flutter, Dart, JSON, XML, JDBC, JNDI, Servlets, JSP (Java Server Pages), JSF (Java Server Faces), Java Sax Parser, JNI (Java Native Interface), JMS (Java Messaging Service), Java Mail, JME (Java Micro Edition), PERL, HTML, CSS, DHTML, ASP, Visual Basic (event-driven), 4GL/Vision, MUMPS. *API frameworks:* Spring Boot, Spring Data, Spring MVC, Spring Security JWT. *Testing technologies and tools:* JUNIT, Postman. *SQL Databases:* DB2, Oracle/OCI, PostgreSQL, MySQL, MS SQL Server, INGRES. *NoSQL Databases:* Google Cloud Firebase Realtime & Firestore, BUILT-IN TREE (for MUMPS programming). *Database programming and modeling tools:* SQL, PLSQL, Dbeaver, SQL Developer, ERWIN, PG Modeler. *Web and application servers:* Apache Tomcat, JBOSS, GlassFish, JRun, J2EE. *Version control:* Git, GitBash, GitLab, GitHub, CVS (Concurrent Version System). *Build tools:* Gradle, Maven. *Integrated Development Environments (IDEs) and editors:* Android Studio, Spring Tool Suite, VS Code, IntelliJ, Eclipse, NetBeans, Oracle JDeveloper, VI editor for Unix C Shell scripts. *Software development methodologies, modeling and collaboration tools:* Agile methodologies (Scrum/Kanban/XP), JIRA, Confluence, Draw.io, Teams, Workplace, TAIGA, RUP (Rational Unified Process) based on the Unified Modeling Language (UML), Rational Rose for UML diagrams. *Networking tools:* OpenConnect, Fortinet VPNs, LDAP (directory service client-server protocol). *Operating Systems:* Windows, Windows NT, UNIX (Linux and SunOS). *Graphic design tools:* Image Composer, Corel Photo Paint, FrontPage. *Reporting tools:* Crystal Reports. *Productivity tools:* MS Office, Open Office, Canvas. *Risk management tools:* Agatha.

PROFESSIONAL EXPERIENCE

Act Digital & Sicoob

Brasília, DF, Brazil

Senior IT Solution Architect

Mai 2023 – Present

- Architecting IT solutions for a major Brazilian cooperative financing banking system that operates nationwide with over 4,000 service points, extensive ATM coverage, and a diverse range of digital channels offering various financial products and services, including checking accounts, investments, credit, cards, retirement plans, consortiums, insurance, and collection services.

3CON Consultoria e Sistemas & Raia Drogasil

Brasília, DF, Brazil

Senior Tech Leader

Aug 2022 – Mar 2023

- Led the developer team in opening new pharmaceutical distribution centers and migrating ERP and WMS solutions to Oracle Cloud Infrastructure (OCI).
- Proactively interacted with network, infrastructure, and database administration teams, along with product owners, to resolve complex problems and deliver projects on time.
- Implemented best practices, including clean code, identification of reusable code opportunities and utilization of solid principles and design patterns, resulting in more sustainable and efficient projects.
- Optimized the process of opening new distribution centers by identifying and detailing specifications on epics, stories, and subtasks, resulting in improved quality and streamlined operations.
- Defined and prioritized activities, coordinated the assignment of tasks based on developer skill levels, controlled deliverables, and ensured strict adherence to agile principles and tools for efficient project management.

Brazil Post (Empresa Brasileira de Correios e Telégrafos)

Brasília, DF, Brazil

Advisor to the IT Department, Legal Department and Administration

Jan 2013 – Aug 2022

Directory | Senior Systems Analyst | Java Instructor

Jan 2003 – Dec 2003

(Currently on leave of absence for up to 6 years, until Aug 2028)

Jun 1997 – Jun 1999

- Assisted the IT Department by advocating for problem solving and negotiating interests with other departments.
- Led risk management work applied to the production of software products, identifying risks, writing policies and presenting treatment to reduce costs and deliver safe, quality products on time.
- Provided legal and technological advice to Administrative Board of CORREIOS.
- Collaborated with Legal Department on technology acquisition for digitalization of judicial processes.
- Elaborated and instructed a java e-commerce course to build the capacity of IT department developers.
- Migrated queries from SOAP Webservices (XML) to Spring Rest APIs (JSON) to assist the human resources

department with employee management on a national level.

- Prototyped Flutter/Dart mobile app functionalities for postal business interest applications.
- Developed Android/Java app accessing Google Cloud Platform services for e-ATESTADO project.
- Developed several projects of postal interest from concept to production, specifying requirements with the product owners, modeling databases, and developing using event-driven and object-oriented approaches.
- Joined a research team to study, test, and validate LINUX and other open source code software as alternative platform and development tools for project development; Developer of hybrid mail system applying the best practices regarding object-oriented principles; Design and implementation of pages for the company's Legal Department Intranet.
- Design, installation and configuration of a local network with Windows NT to evaluate ERP packages and define technical requirements for bidding edict.
- **SELECTED PROJECTS:** **AGATHA** – Federal Government Risk and Integrity Management System for identifying, assessing, responding, reporting, communicating and monitoring risk events at Brazil Post. **ATTENDANCE-DATALAKE** – Spring Rest API that queries vast amounts of daily attendance data from all Brazil Post agencies, providing valuable insights for optimizing operational efficiency. **CORPORATE** – Offered large corporations a hybrid mail application that streamlined the process of sending letters, telegrams, and faxes, enabling them to send data over the network, while Brazil Post handled printing and delivery services. **CHEQUE CORREIOS (POSTAL CHECK)** – Registered and controlled information about postal checks in Brazil, tracking sales, payments, thefts, cancellations, and other situations across all postal agencies. **VOTA SELO (STAMP VOTE)** – Registered requests for the creation of stamps and controlled voting of the themes to point out the winning motives for Brazilian stamps.

Presidency of the Republic of Brazil

Senior Systems Analyst / Speaker

IT Directory, Institutional Security Office and Special Ports Secretariat

Brasilia, DF, Brazil

Jan 2004 – Dec 2012

Jun 1996 – Jun 1997

- Analyzed, designed and implemented system modules for the modernization project Paperless Port.
- Wrote security policies and acted as a lecturer sensitizing Public Administration employees about ethical and legal issues related to information and communication security.
- Analyzed, designed and implemented modules of classified information system.
- Collaborated to the agency's Certification Authority issuing digital certificates to government authorities.
- Implemented system to register data and track operations of pirate radios.
- Collaborated in the migration process from large-scale technology to Windows platform (downsizing), suggesting programming patterns and transferring low platform development techniques to technical staff.
- Analyzed, designed and implemented Client/Server applications with meetings for data collection, requirements analysis, database modeling, programming CRUD transactions and operations, testing, and users training.
- **SELECTED PROJECTS:** **PAPERLESS PORT** – Provided among other things the personnel mapping, bidding control, and guidelines to be followed and responsibilities of the ports in cases of pandemics found on ships that dock; **RADIO** – Registered and controlled pirate radios operating illicitly in Brazil. **CONDOC** - Document Control – Personal Protocol of the President of the Republic. The application registered incoming and outgoing documents and controlled their progress within the organization.

Appiant Technologies Inc.

Senior Software Engineer

Pleasanton, CA, USA

Mar 2001 – Nov 2002

- Developed unified information solutions using wireless/VoIP technologies.
- Researched, evaluated and prototyped Project Jakarta's functionalities to integrate into the company's projects.
- Generated grammars used by the Automatic Speech Recognition engine (ASR) dynamically.
- Synchronized information stored in Oracle database and Mirapoint LDAP service directory.
- Implemented and tested WEB components (servlets and JSPs) for the business layer of Client/Server applications.
- Implemented Java SAX parsers and Java components to extract data from XML files and WEB pages.
- Implemented WEB components to upload documents and control directory contents on the server-side.
- Programmed Unix C Shell scripts to track and diagnose process performance, memory utilization, file transfer, problems registered in logs and general task monitoring.
- Designed, created and manipulated Oracle database objects such as tables, schemas, stored procedures, triggers, functions and packages for different purposes.
- Developed according to the J2EE concept model, implementing real-time alert and notification components based on JMS (Java Messaging Service), Java Mail for sending and receiving e-mail messages, Java reflection to implement object factories, and other features.

- Used JME (Java Micro Edition) for programming MIDlets capable of accessing server-side components, retrieving information and making it available on wireless devices such as cell phones, palm and pocket PCs.
- Integrated technologies from Oracle, Sun, Microsoft and others to build distributed messaging features.
- Installed, configured and tested Mozilla.org's Bugzilla to log, route, and control development issues and errors.
- **SELECTED PROJECT: Uci – UNIFIED COMMUNICATION WITH INFORMATION** – Provided companies with a product that unifies messages from multiple devices in real time into one WEB portal, including voice command, alert mechanism, document management, calendar, contacts, and task scheduler.

MarchFIRST Inc. **San Francisco, CA, USA**
Senior Software Engineer *Mar 2000 – Feb 2001*

- Collaborated in the development of e-commerce solutions, applying object-oriented principles.
- Interacted with the clients to gather and analyze requirements, identifying and detailing use cases.
- Modeled MS SQL Server database objects and implemented CRUD (Create, Read, Update, Delete) functionality.
- **SELECTED PROJECTS: 3COM PARALLEL** – Provided an e-commerce application for schools and other educational institutions that allowed them to search, view, and select, for their shopping carts, educational content for designing lessons, exams, presentations, and other educational events. **FEEDBACK FORUM** – Provided an application that registered and controlled the routing and tracking of problems, complains, ideas and suggestions provided by company employees.

SERPRO – Serviço Federal de Processamento de Dados **Brasília, DF, Brazil**
Project Manager / Senior Systems Analyst / Tech Instructor *Jul 1985 – Jun 1996*

- Managed project goals, contributing to product strategy, proactively interacting and helping other teams, along with product owners, for problem solving and delivery of high quality on time projects.
- Designed, developed, tested, deployed, maintained, and improved software solutions for tax collection, control of processes against tax evasion or illicit acts committed by companies, among other things.
- Conducted system conception, requirement analysis, design, database modeling, programming CRUD operations.
- Led teams, defining and assigning project activities, and conducted trainee capacitation as well.
- **SELECTED PROJECTS: FATURA** – System for registering and billing the services and projects developed by SERPRO for the Internal Revenue Service; **GRACO** – GRANdes CONtribuintes (BIG CONTRIBUTORS) – System for registering large federal tax payers and their respective economic activities, calculate all taxes due, generating a calendar with the dates on which each tax should be paid; **DIÁRIAS** – System for controlling the process of granting per diems and tickets to the public servants of the Ministry of Finance on public trips, providing data for public spending audition.

EDUCATION

BSc in Legal Science / Order of Lawyers of Brazil (OABDF) <i>Instituto de Ensino Superior de Brasília – IESB (5 years)</i>	Brasília, DF, Brazil <i>Graduation: NOV 2008</i>
M.Sc. in Database Management and Administration <i>Golden Gate University – GGU (3 years)</i>	San Francisco, CA, USA <i>Graduation: NOV 2002</i>
AI-Driven Software Engineering Specialization <i>Catholic University of Brasília – UCB (1 year)</i>	Brasília, DF, Brazil <i>Graduation: NOV 1991</i>
Data Processing Technologist <i>Catholic University of Brasília – UCB (3 years)</i>	Brasília, DF, Brazil <i>Graduation: JUN 1985</i>
Senior High Exchange Student <i>Conard High School (1 year)</i>	West Hartford, CT, USA <i>Graduation: JUN 1981</i>
English <i>Casa Thomas Jefferson (3 years)</i>	Brasília, DF, Brazil <i>Graduation: NOV 1979</i>

FOREIGN LANGUAGES

ENGLISH	PORTUGUESE	ITALIAN	SPANISH
FLUENT	NATIVE Citizenship	BASIC Citizenship	BASIC

OTHER INTERESTS

- IT Business Prospecting – Law – Farming –Traveling.