Quenio dos Santos
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Professional Experience

XOOM CORPORATION, San Francisco, CA - March 2011 to December 2017
Senior Software Engineer

- Developed ACH (Automated Clearing House) Payment Processing System:
    - Member of a team of 3 senior developers.
    - Designed and implemented the system from scratch.
    - Integrated with other sub-systems and the legacy payment system.
    - Technologies used: Spring Dependency Injection, Spring Integration, Spring Aspects, and iBatis (for object-relational mapping)
    - 10-month project.
- Implemented Walmart/Xoom Co-Branding Web Site:
    - Company-wide effort, involved all engineering team.
    - Specific components individually implemented:
        - New fee calculation services based on commission.
        - Thread-local-based co-brand identifier filter for web app.
        - Marketing email opt-in/opt-out.
    - 2-month project.
- Leading the mobile app development effort:
    - Contracted and managed relationship with mobile app development consulting company.
    - Assembled and managed a team of 5 mobile app developer contractors:
        - Interviewed and selected mobile app developers.
        - Got developers up-to-speed on Xoom business and the mobile application requirements.
        - Trained and supervised team on Xoom's agile development process.
        - Screened, interviewed and selected Xoom's own mobile developers.
    - Engaged with product management during the project conception and product roadmap.
    - Defined and estimated high-level project plan, and presented to the directors.
    - Ran and moderated the iteration planning meetings.
    - Specifically implemented:
        - The iOS and Android build infrastructure for development, QA, and release (an individual effort)
        - The REST API used by the mobile apps (a 4-developer team effort)
    - Successfully released first version of the mobile app on the Android and iOS platforms.
- Introduced the QA team to Behavior-Driven Development.

ARCTOUCH INC., San Francisco, CA - August 2010 to February 2011
Lead Software Engineer

- Implemented the TV Guide application for the iPad. Also led the team.
- In collaboration with nVidia's internal team, estimated, prepared the project plan, developed (and managed the team developing) the tablet version of nVidia's Tegra Zone application for the Android platform.
- For CBS, developed parts of the Star Trek application for the iPad and iPhone.
- For several other projects, engaged in the project planning and estimation process.
- Hired and oriented two new engineers in the San Francisco office.

FLEXERA (formerly MACROVISION), Schaumburg, IL - October 2006 thru July 2010
Staff Software Engineer / Team Lead / Engineering Manager

- Leading a team of 6 developers for over 3 years.

- Planned, estimated, tracked, designed and implemented several successful releases of InstallAnywhere (8.1 thru 10.0), which is the best-seller software installation tool in the multi-platform space.
- Active evangelist of the agile software development practices throughout the company.
- Migrated the development of this product to the India branch; a process that took about a year.
- Implemented web-based application for software compliance of Oracle databases for about a year on JBoss, using Spring, Hibernate and GWT.

PROVERSOFT, Florianopolis, Brazil - August 2004 thru September 2006
Owner & Lead Developer

- As a contractor for Zero G Software, planned, designed, implemented and managed:
    - One release of InstallAnywhere.NET
    - Two releases of InstallAnywhere (7.0 & 7.1)
- Led a team of 2 developers and 2 QA engineers.
- After the acquisition of Zero G Software by Macrovision, worked as the lead engineer during the development of InstallAnywhere 8.0.

ZERO G SOFTWARE, San Francisco, CA - April 2000 thru July 2004
Lead/Senior Software Engineer

- Designed and implemented key projects: PowerUpdate, InstallAnywhere and SolutionArchitect.
- Researched and recommended agile development practices, new tools and technologies.
- Coded mostly in Java, but also maintained some code in C++.
- Reported weekly to Director of Engineering, providing status report on different projects.
- Led development teams of 2-3 developers.

FINEPOINT TECHNOLOGIES, New York, NY - October 1998 thru March 2000
Senior Developer

- Designed and implemented the Total Internet product's GUI front-end in Delphi and the data persistence back-end in C++.
- Defined and maintained COM interfaces between the different modules.
- Served as the in-house consultant for the COM technologies and the Delphi programming language.
- Re-designed, documented and maintained the Account Registration Server, which the server-side piece of Total Internet.

PAX INFORMATICA, Florianopolis, Brazil - January 1996 thru September 1998
Lead Developer

- Designed and implemented two software products:
    - Borda (a graphical editor to design embroideries)
    - Gerente (a management software for embroidery companies.)
    - Both products have been implemented in Delphi.
- Mentored two other developers; getting them up-to-speed with the code and with the technologies used in both products.
- Researched and incorporated several VCL/ActiveX controls and other technologies into the products.

TCM Informatica, Florianopolis, Brazil - February 1995 thru December 1995
Software Developer

- Designed and implemented management software for clinical labs using the Clipper programming language.

- Worked on-site for one of the major customers in order to customize the base package to their needs.

Academic Experience

Computer Sciences Bachelor's Degree
Universidade Federal de Santa Catarina, Brazil, 2014-2017

ER 2017 Paper: Reusing Conceptual Models: Language and Extensible Compiler, Valencia, Spain

Course Conclusion Work: CML - Conceptual Modeling Language

Conferences

ER - Conceptual Modeling Conference, 2017
Valencia, Spain

Professional Developer Conference, Microsoft, 2003
Los Angeles, CA

JavaOne, Sun Microsystems, 2000 thru 2003
San Francisco, CA