Daniel Costa Gimenes

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Software developer with 9 years of professional experience building and designing software products for big companies and startups. Currently focusing on Android applications development. Graduated in Computer Science from Centro Universitário da FEI at São Paulo, Brazil with a graduation project that won 2 awards at EXPOCOM. Participated at international programming contests, went on an exchange to Canada to learn English, has pet project apps, gave talks and helped organizing Google Developers Group's events as a volunteer.

Work Experience

Software Engineer / Android Developer
Geekie, Oct 2014 – Nov 2016

- Developed two Android apps from scratch (Geekie Games and Geekie Lab) for the education tech startup and improved the Geekie Lab app according to product and UX insights / directions for a year while working with a product focused multi-functional agile team. These apps increased the NPS and user engagement on the products as a whole (students and teachers). Also, for the Geekie Lab app, with addition of homework and teacher suggested classes features, increased the product value perceived by teachers and school managers as students embraced the app. As part of a team that developed all the Geekie Lab product, I've participated on the ideation, some UX processes and leaded the Android app development and saw the business unit reach breakeven status by the end of 2016. The apps were written in Java and Geekie Lab app was later rewritten in Kotlin.
- Helped maintaining and improving the several web services that sustained both mobile and web applications of the startup's products. The web services were mostly programmed with Python (Flask).
- Participated in hackatons developing POC apps and adding accessibility functionality to existing ones.

Software Engineer / Android Developer and Partner
Arcarius Engenharia, May 2011 – May 2014

- As software development lead, designed, built and deployed systems with web and Android clients to telecom and transportation customers which included Public Audio messaging control and managing for subway and watercraft transportation lines. These allowed our customers to maintain and improve their business service quality and compliance with regulations.
- Designed and built a software for onboard CCTV software control and visualization matrix, which included reversing engineering a TCP/IP protocol and implementing a stream-based, online, software architecture for a performance-sensitive client desktop application. The project helped our customer to validate the possibility of not having to exchange a full multi-software and hardware solution in order to fix specific CCTV issues and expand operations while keeping a high quality of service.
- Designed, built and deployed a supply control and sales system of softwares to an industry of pharmaceutical products for pets.

Software Engineer and Partner
Planirati, Jun 2012 – Dec 2013

- As an entrepreneur and software developer, participated in all the product conception, development and eventual pivoting. The product comprised of a web application and services that presented São Paulo's events (concerts, theater, cinema, expos) to users, with location and ticketing information, and ultimately with ticket selling.

Software Developer
BM&FBOVESPA, Oct 2010 – Jun 2011

Auster, Mar 2010 – Oct 2011

Senior Solutions, Jul 2010 – Mar 2011

T-Systems (Deutsche Telekom), Dec 2010 – Jul 2011

Education

BSc Computer Science
Centro Universitário da FEI, 2007-2010 (4 years course)
- Graduation project: search engine with filter of results based on category. Trained a Support Vector Machine (SVM) to classify crawled web pages into categories, and indexed them with category info for querying
- Won "Best Graduation Project" and "Best Scientific Project" awards at EXPOCOM 2010 (CS projects fair)
- Participated in ACM International Collegiate Programming Contest from 2008-2010 getting to nationals

Informatics Technical Course
ETE Lauro Gomes, 2005-2006

Skills

- Native Android application development in Java and Kotlin including complex layout design, services implementation, sync adapters, local database handling, custom notifications, automated testing with Espresso, monitoring events with Google Analytics and crash reporting with Fabric
- Object Oriented software design and programming
- Development and debugging of multithreaded software
- Agile software development with SCRUM and Kanban (plus retrospectives facilitation)
- Some Design Patterns and Architectural Patterns (GOF e Martin Fowler PoEAA)
- REST web services design and development with Java EE 7 (advanced) and Python (intermediate)
- Database design and querying with SQL (PostgreSQL) and NoSQL (MongoDB)
- Version control with GIT (GitHub and Phabricator)
- Linux for desktops and servers (Ubuntu and Debian)

Pet Projects

- Walk Run (Android app) – interval training app for runners with smart visual and audio notifications
- Clickr Metronome (Android app) – advanced and complex tempo metronome with save preset function
- NasaPic (Android app) – change phone's wallpaper to one of the NASA's Picture Of The Day
- SmashBrosTwitterAnalytics (web) – Twitter crawler of comments related to Smash Bros for 3DS release that ranks most mentioned game characters

Given Talks, Trainings and Workshops

- 2015 Google Developers Group ABC – 2015 Trends: Kubernetes & Google Container Engine
- 2014 Training to Arcarius Engenharia: (16h) Introduction to Java EE 7 and Android Development
- 2012 at Engineering and Computer Science Week of FEI:
    - 1h talk "Smartphones and tablets market to Software Developers"
    - 3h workshop "Introduction to Android Programming"

Languages

- Brazilian Portuguese – native
- English – advanced
    - 2014, 300h of IELTS preparation classes at ILAC Toronto, Canada
    - 2000-2005, 360h of English classes at CNA

Courses and Certificates

- 2015 Geekie, 8h - SCRUM
- 2015 Udacity - Android Fundamentals online course
- 2014 Lambda3, 16h - Test Driven Development and Behaviour Driven Development
- 2012 CIETEC, 40h - Entrepreneurism and business plan development
- 2012 Oracle Certified Expert, EE 6 Enterprise JavaBeans Developer (Java EE 6 EJB OCE)
- 2011 Oracle Certified Java Programmer, Java SE 6 Programmer (OCJP 6)