Andy Triboletti

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SUMMARY

Dedicated software developer with experience in creating applications for Android and iOS platforms using Kotlin, Swift, and Objective-C. Proficient in multiple programming languages and frameworks including Java, PHP, Python, Ruby on Rails, MySQL, and PostgreSQL. Eagerly seeking a Software Engineer position to leverage extensive experience in software development, quality assurance, and application development.

WORK EXPERIENCE

GreenRobot LLC   New London, PA
Software Developer/Owner   Sep 2023 - Present

- Design and develop multiple Android applications utilizing Kotlin, various Android frameworks, PostgreSQL, MySQL, PHP, and Python.
- Construct numerous iOS applications employing Swift, Objective-C, PHP, Ruby on Rails, MySQL, and PostgreSQL, ensuring compatibility across different platforms.
- Contribute significantly to Laravel PHP open-source projects, including an ad server, as a sole contributor, and an ad network, demonstrating versatility in various development environments.

TrafficCast International, Inc.   Remote
Software Developer   Oct 2017 - Jan 2020

- Developed and launched a Safe Driving Android SDK, initially in Java, before successfully transitioning it to Kotlin, demonstrating adaptability in coding languages.
- Utilized communication tools such as GitHub, Jira, Slack, and Google Hangouts for efficient remote collaboration and project management.
- Crafted automated test scripts using Espresso and XCUITest for both Android and iOS, enhancing quality assurance through integration, UI automation, and command-line testing.

ChipIn   Honolulu, HI
Software Developer   Sep 2023 - Sep 2023

- Led the development of an online fundraising platform, utilizing Java and Ruby on Rails to optimize user experience and functionality.
- Engineered multiple interactive Facebook games, resulting in successful acquisition by BuddyMedia.
- Enhanced administrative operations by creating a robust PHP site, improving overall efficiency and productivity.

LTX   Westwood, MA
QA Engineer Co-Op   Jan 2023 - Sep 2023

- Authored and sustained automatic test suites, enhancing the efficiency and accuracy of the software testing process.
- Developed automation scripts utilizing Perl and shell scripts, contributing to the optimization of system processes.
- Leveraged expertise in Solaris, Clearcase, and Unix utilities to ensure robust and seamless operations.

Oracle (Acquired ProfitLogic 08/05)   Cambridge, MA
Application Developer   Jan 2023 - Aug 2023

- Spearheaded the design and implementation of new features for a J2EE Struts based web application, focusing on Retail Pricing Optimization, while concurrently addressing software bugs and automating the build process.
- Innovated Oracle Retail's internal framework by incorporating XMLHttpRequest/Ajax capability, enhancing grid rendering, filtering, and dynamic message updating.
- Utilized a diverse tech stack including Java, Ant, Struts, JSP, SQL, HTML, JavaScript, CSS, Perforce, and Shell scripting, while leveraging familiarity with Weblogic Application server and Oracle database.

Naval Surface Warfare Center   Philadelphia, PA

Software Engineering Co-Op   Jan 2003 - Sep 2002

- Leveraged ASP, MS SQL Server, Dreamweaver, and JavaScript to create an application that effectively displayed and updated product information upon receipt by RFID readers in XML format.
- Constructed a SOAP client and server capable of transmitting, decoding, and storing shipboard binary data from ship to shore, enhancing data accessibility and integrity.

EDUCATION

Northeastern University   Boston, MA

Bachelor of Science, Computer Engineering   Dec 2005