SAMEER TOTEY

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SUMMARY

More than 20 years of software development experience in various roles and technologies. Passionate about developing iOS apps.

COMPUTER SKILLS

Languages

- **Proficient in:** Swift, Objective-C, C, C++, C#, Ruby, JavaScript (CoffeeScript), TAL, COBOL85, HTML/CSS

- **Familiar with:** Java, Scala, Go, Python

Software

- **Frameworks/Libraries:** Cocoa Touch, Parse, Rails(4.1), RSpec and Capybara for testing, Backbone.js, Backbone.Marionette, jQuery and Underscore.js, twitter bootstrap (3.1.1), Jasmine, familiar with Angular.js, Node.js, pivotal tracker, Heroku platform, Travis CI and Code Climate

- **Databases:** PostgreSQL (9.3.4), Microsoft SQL Server (2012 and below), HP NonStop SQL/MX, MongoDB

- **OS:** Mac OS X, Microsoft Windows (server 2012 and below, Windows 7), HP NonStop Kernel, Unix, Linux (Ubuntu 10.4 and below)

- **Tools:** Xcode 6.2, Git(GitHub), SublimeText 3, Microsoft Visual Studio (2012 and below), Microsoft TFS, IBM Rational ClearCase, ProtexIP, Tenable Network Security, e-eye Retina

- **Methodologies/Architectures:** Agile, SCRUM, TDD, n-tier, SOA, SaaS

EXPERIENCE

Independent Developer, Boulder, CO   1/2014 - Current

Completed the Bloc online apprenticeship for iOS development. Developed web apps using Ruby on Rails, Node.js, JavaScript and various front-end frameworks like Backbone.js and Angular.js. Completed some demo projects using languages like Go and Scala, but really liked developing apps for iOS using Swift.

Independently developed an iOS card game using Swift and released it on the Apple App store.

Currently working on developing an iOS app for an independent limo service in New Jersey using Swift and the Parse backend for data services and push notifications.

Principal Staff Software Engineer   **11/2000 - 1/2014**

Motorola Solutions Inc., Boulder & Westminster, CO

- Lead software architect for the CAD (Computer Aided Dispatch) product, responsibilities included design and development of the next generation PremierOne CAD (Computer Aided Dispatch) system for Public Safety Agencies. The PremierOne CAD system is a mission critical application developed on the Microsoft platform using Service Oriented Architecture (SOA). The application is an Online Transaction Processing (OLTP) system developed using C# and SQL Server database. I was responsible for reviewing new feature design and associated database schema changes.

- I was the Information Assurance (IA) lead responsible for the security of all Motorola Public Safety Application (PSA) products – I performed IA assessments and was responsible for remediation of security vulnerabilities. I had authored the application security policy for Motorola Solutions. I was also responsible for Open Source Software and other intellectual property compliance issues for PSA products.

- I was also the innovation champion for the PSA group responsible for driving innovation within the PSA division.

Lead Developer   **01/1998 – 11/2000**

Printrak International Inc., Boulder, CO

- Designed and developed new incremental features for releases of the Premier CAD product, including developing a new windows based client for the legacy application and implementing transactional integrity for the mission critical application.

- Developed several interfaces to the Premier CAD system on the HP NonStop platform using C/C++ and TCP/IP.

- Developed several data feeds to perform ETL operations to support reporting functions on data extracted from the OLTP database. Worked on optimization of both OLTP and reporting databases.

Software Consultant   **08/1995 – 01/1998**

ESQ Systems Integrators, Cupertino, CA

- Worked primarily as a contract software developer for various clients of ESQ System Integrators.

- I worked on projects developed on NonStop Kernel (Tandem) systems as well as Windows platform and Unix/Linux platforms for various customers.

Assistant Systems Analyst   **06/1993 – 08/1995**

Tata Consultancy Services, Mumbai, India

- Prepared test plans and automated test scripts for various Tandem computers' products. Fixed defects in the Pathmaker product of Tandem Computers.

EDUCATION

Norwich University   2009
MSIA, Information Assurance   GPA 4.0

University of Colorado Boulder   2002
MS, Computer Science   GPA 3.83

Birla Institute of Technology and Science, India   1993
B.E.(hons), Computer Science   GPA 3.32