Prakash Joshi
Software Engineer - Twitter Inc

Cupertino, CA - Email me on Indeed: indeed.com/r/Prakash-Joshi/916297d2c0fd10de

- MS in Information Systems with 8+ years of Software Engineering experience
- 2+ years in Android application development, knowledge of iOS and web development
- 5+ years of client application development experience for Windows and Linux using C++
- Write clean code, pay attention to design principles and performance, keep refactoring
- Good at intuitive user interface design and understanding of standards
- Knowledge of application security concepts and scalability

WORK EXPERIENCE

Software Engineer
Twitter Inc   -   San Francisco, CA - May 2014 to Present

Working on Android for media features, developed in app camera feature, UI, added various animation, participated in user research and improved UI
- Improved photo infrastructure code related to image download requests, caching, and showing images
- Working with Loaders, AdapterView, and Fragments.
- Experience with writing Espresso Android UI tests

Software Engineer
innoPath Software Inc   -   Sunnyvale, CA - January 2013 to April 2014

Worked on Android mobile application development: including UI development, developing APIs, location services, and sqlite
- Refactoring codebase, implement unit tests, debug traces to improve performance and resolve ANR issues.
- Improved start-up time of android application from > 3 seconds to ~300ms
- Using proguard to protect Java source code, reduced APK size by 30%.
- Contributed to reduce network usage footprint, and worked on reviewing memory leaks
- Involved in server side development using Java Spring

Summer Intern
Numenta Inc   -   Redwood City, CA - May 2012 to August 2012

Managed cloud infrastructure using Opscode Chef. Supported Eucalyptus private cloud proof of concept implementation
- Setup Jenkins Continuous Integration server to build C++ codebases

Senior Software Engineer, India
John Deere - June 2008 to June 2011

Developed cross platform multithreaded GUI desktop application to monitor GPS correction signal network using C++ and wxWidget framework for Windows and Linux. Created multiple client sockets on threads, handled synchronization, and rendered data on native user interface
- Designed and developed long running C++ multithreaded server application on Linux to collect data through client sockets, handled signal to kill the application gracefully. Set appropriate run level to script
- Developed interactive web pages using JavaScript, CSS, and HTML to load reports, used Prototype and jQuery framework

Software Engineer, India

Cybage Software Pvt. Ltd - February 2006 to October 2007

Windows application development using C++ & MFC (VC++) MVC applications, refactored VC++ project and created resource only DLL for internationalization support

EDUCATION

MS in Information Systems

Northeastern University   -   Boston, MA
December 2012

Diploma in Advanced Computing

Sunbeam Institute   -   Pune, Maharashtra
February 2006

Bachelor of Engineering in Electronics Engineering

University of Pune   -   Pune, Maharashtra
July 2004

ADDITIONAL INFORMATION

TECHNOLOGIES
Proficient In: Java, C++, and Object Oriented Analysis and Design
Knowledge Of: Objective-C, VC++, Java spring, C#, SQL, HTML
Frameworks: Android, Java, J2EE, MFC, Win32, wxWidget, MS.Net
Tools: Android Studio, Xcode, Visual Studio, SpringSource, JIRA, Perforce, Git