Girish Ramakrishnan   girish@forwardbias.in
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<u>**Director of Engineering**</u>

Hands-on software architect with record of leading teams and managing projects to create innovative and high technology products. Co-founder and Chief Officer of ForwardBias, a successful Qt consulting company. Expert in wide variety of technologies including Qt, WebKit, node.js, networking, graphics and embedded programming.

WORK EXPERIENCE

Software Architect, Intel Inc, USA   **Oct 2012 - Present**
- Part of XDK architect team that leads over 40 engineers across 5 geographic locations.
- Architect of Intel's Cordova build server based on AWS and node.js.
- Author of Catalyst – a 3D graphics acceleration engine of HTML5 canvas for Android WebView.
- Owner of Android and Mac port of Crosswalk (a chromium based HTML5 runtime).
- Lead of AppAnalyzer – android app that allows remote debugging and instant preview of cordova apps

Principal Engineer, Nokia Inc, USA   **Jan 2012 – Sep 2012**
- Technical lead of a team of 8.
- Architect of Qt5's device support for all devices including Raspberry-pi, beagleboard.
- Developer and maintainer of EGL and LinuxFB QPA backends of Qt5.
- Approver status in the Qt project (contributions and reviews).

Co-founder, Chief Officer, ForwardBias Technologies, Bangalore   **Nov 2007 – Dec 2011**
- Co-founder of company that provides advanced Qt, Qt/Embedded, Qtopia , WebKit consultancy services.
- Very successful company, in top 5 results when googling for "Qt consulting". Our customers included Nokia, Hyves, Second Life and Wimba.
- Handled all aspects of company business, project management and customer interaction.
- Created multiple products for sale - SpamBin (a bayesian spam filter for Symbian phones) and CodePotato (a personal code management tool).
- Member of the WebKit team (contributions)
- Implemented X11/Mac Windowless Plugins and Accelerated Composition of Plugins for Qt/WebKit.
- Co-developed LLQtWebKit that made it possible for Second Life to render Flash in their 3D viewer on Mac, Windows and Linux.
- Co-developer of QtMediaHub, a XBMC clone using QML
- Developer of Qt4's GDI based paint engine
- Co-author of Hyves Photo Uploader
- Led development of ODF text support in Calligra Suite
- Primary developer of the WiFi UI for the Demy
- Developed Bedrock – a Qt based library to access git data stores
- My company blog – http://blog.forwardbias.in/category/girish, QtWebKit blog - http://qtwebkit.blogspot.com/search/label/girish

Senior Software Engineer, Trolltech ASA, Norway   **Oct 2005 – Oct 2007**
- Release manager for Qt 4.3.x release and some 4.2.x releases.
- Directed a team of 40 engineers to deliver Qt releases on time.
- Architect of Qt Style Sheets.
- Author of Qt's auto completion framework.
- Author of various Qt classes including QMessageBox, QLabel, QSizeGrip, QSystemTrayIcon, QStyledItemDelegate. Was part of the Qt widgets team and was the maintainer of Desktop services, dialogs, item views, widgets.
- Author of the Qt port of MinGW/MSYS.
- Part of the team that added support for Widgets on the canvas. Developer of Qt's next generation layout system (QGraphicsLayout) and provided the base code for the proxy widget (QgraphicsProxyWidget).
- I was instrumental in Qt 4.3 receiving Vista certification, Qt Single Source package, Qt supporting VS Express in its Open source edition.
- My blog - http://labs.trolltech.com/blogs/author/girish/

Independent Qt Consultant, Bangalore   **Feb 2005 – Sep 2005**
- Developed a SQL QueryBuilder UI that built SQL queries.
- Developed a RFC 2822 compliant Mime parser library.
- Developed a Swf to Exe converter for TenMiles Private Limited.

Developer, Cisco Systems, Bangalore   **Jun 2001 – Jan 2005**
- Developed drivers for Cisco's OC3 SONET VPA ad maintained SONET APS and Minimum Disruptive Restart code base.
- Architect and lead of the Cisco CallManager automation framework.
- Authored SkinnyScripter, a COM object that can help script VoIP calls.
- Developed Bulk Insertion Tool (BIT), a tool that automates creation of CallManager VoIP database.

PROJECTS

My website contains a summary of my Open Source and Commercial projects.

http://git.forwardbias.in/ and http://gitorious.org/~girish contain the source code of my Open Source projects.

PRESENTATIONS AND PUBLICATIONS

Reviewer of the Styles chapter of the Qt4 programming book
Styling Qt widgets using Style Sheets, Qt Developer Days 2006, San Jose and Munich
Qt IDE integrations, Qt Developer Days 2006, San Jose
Qt on Windows, Qt Developer Days 2007, San Jose and Munich
Custom Looks using Qt StyleSheets, Qt Quarterly
Qt Style Sheets, Qt Developer Days 2007, San Jose and Munich
Open Document support in Kword2, Akademy 2008
Bringing C++ to Vista: Leveraging Your C++ Code-Base to create native Windows Vista Applications: June 20, 2007
Styling Qt using StyleSheets (FOSS.IN/2007)
Git Internals (Netherlands, Hyves 2008)
Qt Internals, Qt Developer Wiki
Media Center for MeeGo, MeeGo Conference, San Francisco, 2011
Qt Quick Best Practices And Design Patterns, Qt Developer Days Munich 2011
Qt Device Support, Qt Contributor Summit 2012
Hacking on WebKit, Intel Developer Meeting 2012

EDUCATION

Regional Engineering College, Trichy   **1997 – 2001**
Bachelor of Engineering in Computer Science (First class with distinction)

REFERENCES

Lars Knoll, CTO, Digia
Koen Kam, CTO, Hyves
Matthias Ettrich, KDE Founder