

# GORDON KEENE

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Software Developer & Engineer with a meticulous commitment to writing clean and testable code. In addition to multiple post-acquisition system and platform integrations, has developed end-to-end RF lab automation data collection and reporting software. Works independently and collaboratively to solve complex technical puzzles, bringing to bear expertise that spans a broad range of platforms from server to mobile devices.

## KEY EXPERTISE

Software Engineering, Development & Performance ▪ Software as a Service (SaaS) ▪ Agile Methodologies ▪ Integration ▪ Test-Driven Development ▪ Object Oriented Design ▪ Middleware & Inter-Process Communications ▪ Web Services & Applications ▪ Graphic User Interface (GUI) ▪ Library Development/Dynamic Load Libraries (DLL)

## CORE TECHNOLOGY

### Programming Languages:

C#, C/C++, JavaScript, Java

### Platforms:

Windows/Win32, Linux, Android

### Tools:

Visual Studio, JIRA, Jenkins, Maven, Gerrit, Inno Setup, XenServer, Git, Mercurial (Hg)/Kiln, Subversion (SVN), NPM, Bower, NUnit, Karma

### Frameworks & APIs:

.NET, .NET Core, WPF/XAML, MVVC, Prism, Protobuf, Node.js, Node-RED, MQTT, AngularJS, salesforce, NetSuite

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## PROFESSIONAL HISTORY

### SAIFE, INC.

August 2016 – October 2017

**Software Engineer** | Tempe, AZ

- Delivered an exceptional security experience by improving software performance, quality and stability while providing team-wide Windows expertise
- Developed consumer-facing Windows products for the Software Defined Perimeter (SDP) market, including Windows GUI applications based on SAIFE libraries
- Added new code libraries and support for new features and capabilities, and operated between service/library developers and UI/UX designer to establish and document inter-process communication protocols that provided clear and timely end-user information
- Participated in daily stand-ups, design sessions, planning sessions and code reviews
- Supported and maintained SAIFE Connect L3 VPN application on Windows, and contributed to flagship secure communication solution within agile engineering team
- Contributed to producing final artifacts used by both sales team and end-users
- Technologies: C#, .NET 4.5, Windows, Visual Studio, Protobuf, WPF/XAML, MVVM, Inno Setup, Git, JIRA, Confluence, Jenkins, Maven, Gerrit, Agile Methodologies

***Only employee to start with Portable Internet 2001 and continue through four consecutive acquisitions to Verizon's 2016 purchase of Telogis:***

### TELOGIS, INC. (absorbed by Verizon Telematics)

February 2011 – June 2016

**Analyst Programmer** | Telecommute to Aliso Viejo, CA

- Created tools for post-acquisition transition of Intergis customers and customer data to Telogis platform

- Developed a C/C++/C# DLL wrapper for Telogis GeoBase maps emulating VB5/VB6 interface
- Performed development, security review and release of Salesforce app connector to Telogis platform
- Developed a library in AngularJS that provided single line directives to retrieve data
- Developed HTML5 application allowing end-customers to view maps with real time ETA
- Environments: C, C++, C#, .NET, Java, Apex, JavaScript, AngularJS, Windows/Win32, Visual Studio, salesforce, NetSuite, FogBugz, Mercurial/Kiln. IIS, nGenx, AWS

**INTERGIS / INTERGIS LLC (absorbed by Telogis, Inc.)**

**January 2009 – February 2011**

**Software Engineer** | Telecommute to Torrington, CT

- Ported Vericom mobile app to Intergis VCR architecture as part of post-acquisition integration work
- Developed service to collect real time location data from multiple brands of GPS receivers
- Developed tools to manage endpoint servers
- Technologies: C#, .NET, Windows, Visual Studio, NUnit, Subversion

**VERICOM TECHNOLOGIES, INC. (absorbed by Intergis LLC)**

**August 2007 – January 2009**

**Sr. Software Engineer** | Telecommute to Columbia, MD

- Co-developed new flagship resource management and tracking tool
- Developed fast reverse geocoder reducing times by a factor of 35 over commercial products
- Developed JavaScript UI for creating and editing arbitrary polygon landmarks and geofences
- Repeatedly handed "impossible" JavaScript debugging tasks, writing workarounds for 3rd party APIs
- Technologies: C++, C#, .NET, JavaScript, Windows/Win32, Visual Studio, NUnit, Subversion (SVN), VersionOne

**PORTABLE INTERNET, INC. (absorbed by Vericom Technologies, Inc.)**

**January 2001 – August 2007**

**Software Engineer** | Telecommute to Park Ridge, NJ

- Implemented solution to accurately geocode highly ambiguous street addresses
- Co-developed offline forms system for mobile workforce management application
- Developed utility to generate text based turn-by-turn directions
- Developed mobile mapping application integrated with local content from Frommers Guides
- Technologies: C++, C#, .NET, Java, Windows/Win32, Visual Studio, CVS, FogBugz, Agile Methodologies

**M. FLOM ASSOCIATES, INC. | Chandler, AZ**

**August 1987 – December 2000**

**Software Engineer**

- Automated an RF/EMI compliance measurement facility
- Developed a document generator to insert measurement data into formal reports
- Technologies: C++, Rocky Mountain Basic, Pascal, Windows/Win32, Visual Studio

**EDUCATION**

**Bachelor of Science** | Electrical Engineering Technology | Arizona State University | cum laude | 1992

*"Gordy is a great software engineer. The first time I met him, he said 'I just like writing code,' and it really showed."*  
 - Joseph Kamien, Software Engineer, SAIFE, Inc.

*"If I can design it, Gordy can build it."*  
 - Joe Polizzano, V.P. Portable Internet

*"When it came to being a self-starter in a difficult and unique programming environment, Gordy was the best."*  
 - William Graff, Senior Engineer, M. Flom Associates, Inc.