ERIC CLONINGER

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I am a product manager and software developer with 28 years of experience working with mobile, desktop, and web applications. Since 2006, I have been a Product Manager, leading development teams and bringing new products to market. I have experience working with open-source communities and 3rd-party developers. I am an excellent communicator, comfortable online and in-person. I am willing to travel extensively or relocate as necessary.

Management and Leadership

- Create the vision for the product, adapting it as the market and customer needs change.
- Communicating the roadmap to sales staff, marketing, strategic partners and customers.
- Oversee the daily operations of software development teams, acting as Product Owner.
- Handle inbound and outbound marketing activities, including customer visits, market surveys, competitive analysis, authoring data sheets, and events.
- Coordinate product launch activities with internal and external stakeholders.
- Evangelize the product at conferences, during webinars, and in blog posts.
- Work with strategic partners on co-marketing and shared development projects.
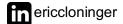- Build open-source projects into communities.

Technical Experience

- **Platforms:** MacOS, Windows, Linux, Android, AWS
- **Languages:** C/C++ (STL, POSIX), Java, bash, Perl, python, JavaScript, C#/.Net, HTML5/CSS
- **Environments:** Eclipse, Visual Studio, IntelliJ/Android Studio
- **Project Tools:** Git/Github/GitLab, Bugzilla, SVN, CVS, P4, JIRA/Confluence
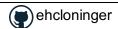- **Creative:**   Balsamiq Mockups, Camtasia, Photoshop, MS Office

Software Development Experience

- Windows, Mac OS X, Linux, and Android development using C++ and Java.
- Android app(s) in the Google Play store.
- Building Android custom ROMs based on Google's open-source AOSP.
- Static and dynamic web content hosted on the Amazon platform.
- Specializing/Interested in:
  - Software development and development tools.
  - Compiler design, static analysis, debugging and diagnostic tools.
  - Mobile and embedded development.
  - Location-based systems, GPS, coordinate calculation.
  - Development automation, DevOps, containerization.
  - Security systems and encryption.

Communications

- Contributor and technical reviewer for several popular *O'Reilly & Associates* books.
- Frequent contributor to blogs and forums relating to mobile development and tools.
- Live presentations at technical conferences, focused on tools and mobile development.
- Active and positive presence on social media, discussing relevant technical topics.
- Currently in the upper quartile at StackOverflow for answering questions about Android development, Eclipse IDE use, and mobile applications for Smart Watches.

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March 2018 – Present   **Samsung Electronics**   **Sr. Technical Program Manager**
- Manage development teams building and maintaining a web portal for developers targeting Samsung technologies.
- Building out a permanent site for Samsung's annual developer conference. Investigated hosting providers and worked to get security processed completed in time for marketing announcements and registration activities.
- Maintain web server and configuration of Samsung Developer site.

July 2017 – Feb 2018   **Oil & Gas Industry**   **Consultant**
- Customized the Android Open Source Project for use in an industrial system.
- Wrote applications and libraries in Java and C++ for data collection, transmitting data over the cellular network to a central server with a dashboard.

May 2016 – June 2017   **Sabbatical (Bereavement)**

September 2015 – April 2016   **Cigital**   **Sr. Product Manager**
- Led overseas (UK) engineering team to create mobile application security testing products.
- Designed and oversaw development of an online portal for customers to submit mobile apps and retrieve results of security testing for mobile web, iOS, and Android.

August 2014 – August 2015   **Samsung (Contract)**   **Sr. Product Manager**
- Designed and oversaw a developer portal allowing developers to access APIs and technical information for Samsung smart watches, Android phones, and Oculus-based VR devices.
- Drove developer adoption of Samsung watches with technical content and on-site training.
- Audited Samsung mobile SDKs for quality and consistency. Advised engineering teams responsible for the SDKs on how to improve their offerings for third-party developers.

April 2014 – August 2014   **Coverity (Contract)**   **Product Marketing Manager**
- Performed competitive analysis and created marketing materials for a newly-acquired product, updating guides for field engineers and sales staff.
- Researched and authored four case studies. Interviewed customers to understand how they used static analysis and how it allowed them to deliver higher-quality products.

October 2012 – March 2014   **Klocwork, Inc**   **Sr. Product Manager**
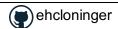- Provided strategic guidance for Klocwork's SDLC products through semi-annual releases.
- Researched and created new static analysis patterns, focused on uncovering logic and security flaws in the Android platform and in Android mobile applications.
- Hired and mentored two new Product Managers in their roles.
- Transitioned engineering team from waterfall to Agile, acting as Product Owner.
- Supported semiconductor customers, responsible for more than 20% of annual revenue.
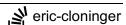
February 2008 – October 2012   **Motorola Mobility**   **Sr. Product Manager**
- Managed the creation, delivery, and launch activities for Motorola's development tools.
- Interacted with the off-shore engineering team as Product Owner in an agile process.
- Delivered on-time releases of Motorola's MOTODEV Studio every quarter for 4 years.
- Created and delivered 24 technical presentations at 17 developer events in 4 years
- Led an Eclipse open source project to create vendor-neutral mobile tools suite.

June 2006 – February 2008   **Wind River**   **Sr. Product Manager**
- Product Owner for Wind River's *Workbench* development tools. Created product planning documents and worked with engineering teams to deliver a product roadmap.
- Analyzed 6 years of call center data to discover areas of improvement. Based on the data, created projects to simplify the installation workflow and the licensing process. The result was a 40% decrease in customer service calls relating to installation and licensing.

October 2005 – June 2006   **Advanced Financial Solutions**   **Sr. Engineer**
- Developed new features in company's Windows-based banking products.
- Discovered a security flaw in the company's signature banking product. Developed, tested and deployed a solution before it could be exploited.
- Improved development and release processes after problems arose from lax development processes. Implemented coding standards, code reviews, and release management.

October 1999 – July 2005   **Palm/PalmSource**   **Sr. Engineer**
- Created tools for the Palm SDK that were distributed to thousands of app developers.
- Designed and developed tools for designing and building Palm GUI apps.
- Added support for new OS features that required updates to development tools.
- Created tools and Java plugins for a branded version of the Eclipse IDE.

May 1996 – October 1999   **Metrowerks**   **Sr. Engineer/Product Manager**
- Engineering lead for Metrowerks popular CodeWarrior products, focusing on delivering new features for handheld devices and embedded systems.
- Created new products based on the CodeWarrior IDE targeting Windows, Palm OS devices, and embedded 68K hardware. The Palm OS product was a significant revenue source for the company, generating almost $2 million per year on a budget of 4 developers.
- Delivered presentations at conferences and customer sites.
- Authored articles for technical journals and contributed to two popular books on Palm OS.

October 1994 – May 1996   **ADP Brokerage Services**   **Technical Lead**
- Team leader and developer focused on creating a bond trading system using Windows clients and a Tandem fault-tolerant server.
- Wrote end-user documentation and traveled to client sites to install and support software.

April 1994 – October 1994   **Mammoth Micro Productions**   **Software Developer**

September 1993 – April 1994   **Digital Technology Intl**   **Software Developer**

February 1992 – September 1993   **System Integrators, Inc**   **Software Developer**

March 1988 – November 1991   **TMS/Sequoia**   **Software Developer**

August 1986 – May 1988   **Oklahoma State University**   **Graduate Assistant**

Education
- M.S., Computer Science, Oklahoma State University (Pending Thesis), 1989
- B.S., Computer Science, Mathematics, Southwestern Oklahoma State University, 1986

Detailed portfolio can be found at http://portfolio.ericcloninger.com