SJAN EVARDSSON

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Software Engineer / Development Manager with an Awareness of Application Security

Results-oriented developer with a focus on application portability, reuse, and use of Open Source tools where available to bridge gaps in application abilities versus customer needs.

Software engineer with proven track record of success working with systems analysis and development, as well as full lifecycle project development. Possess leadership and personnel management expertise developed from both military and civilian settings. Skilled in implementing innovative security programs that drive awareness, decrease exposure, and strengthen organizations.

System Development / Project Management / Supervision
Application Development / Testing & Hardening / Employee Training

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TECHNICAL PROFICIENCIES

Platforms:	Mac OS X/macOS, Microsoft Windows operating systems (3.1 – 7), Linux (Gentoo, Ubuntu, RedHat, CentOS).
Tools:	MySQL, PostgresQL, Snowflake, Git, Packeteer, Virus Protection Utilities, Spyware Detection and Removal Utilities, Aide, Tripwire, tcpdump, Snort, ACID, Nessus, Ethereal, Nmap, OpenSSH, Microsoft Office System (Word, Excel, PowerPoint, Outlook), Various IDEs (PyCharm, PHPStorm, IDEA, et.al.).
Languages:	PHP, Python, SQL, HTML, Javascript, Bash Shell Scripting, Java, JSP, Perl.

PROFESSIONAL EXPERIENCE

TUNE, Seattle, WA
Software Development Engineer III, 2011 – 2023
Technical Scope: PHP, Python, SOAP and REST.
Design, develop, and maintain full-stack software in (primarily) PHP, Python, and Javascript to manage the full account life-cycle from on-boarding (signup), through activity (billing, CRM updates), and off-boarding (closing account, shutting down billing, updating CRM account status).
Key Achievements:
- Engineered system used by TUNE platforms to centralize billing, signup, and third-party integrations in one location, replacing an aging system built against one of the TUNE platforms that was unable to extend functionality to other platforms.
- Created the third-party integrations (in SOAP and REST) between the core products and Zuora (for billing), Salesforce (CRM) and others.
- Designed and developed REST API adjunct to system listed above to allow TUNE platforms to interact with third-party vendors without having to implement their own integrations into those vendors.
- Led development team in weekly meetings with stakeholders, sprint planning, design and architecture planning, road-map development, and execution of those plans.

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UpSellUSA, INC, Shoreline, WA
Lead Developer/Development Manager, 2009 – 2011
Technical Scope: PHP, Perl and Bash.
Collaborated with Project Manager to develop software requirements specifications and developed project plans based on those specifications to support clients, which included three Fortune 500 companies. Offered technical feedback to Project Manager and clients in regards to feasibility and time estimates of projects to meet client needs. Managerial duties included: employee performance reviews, time card and vacation approval and authorization and management of contractor development work. Directed and trained junior developers.
Key Achievements:
- Ensured that web and database servers were up-to-date and met the needs of UpSellUSA and applications, in collaboration with the hosting provider.
- Moved from proprietary issue tracking system to an open source system, saving company a substantial annual maintenance and licensing fee.
- Designed and led development of new application, which opened company's loyalty rewards business to casinos.
- Created specifications and project plan for new flagship product for company, which would allow aging systems to be ported into more modern, extensible architecture.

Rogers Software Development, Fairbanks, AK
Programmer II, 2007 – 2008
Technical Scope: PHP/AJAX and MySQL.
Implemented and developed Point of Sale (POS) system and Back Office software, as well as maintained, updated, and debugged legacy code for POS and Back office system.
Key Achievements:
- Developed new functionality to enhance and expand current systems, as well as NextGen import tool to bring data from the Regis NextGen/FBOS system into the SuperSalon POS.
- Collaborated with customers to ensure development of new features and functionality that met their expectations.
- Assisted new hires by familiarizing with framework and application as a whole, as well as with specific questions regarding software.
- Designed an automated system for creating royalties reports, encrypting them and passing them off to the customer. Also designed a custom reporting tool linking the PHP Back Office application to Jasper Reports to create printable reports in PDF, Word, Excel, CSV and OpenOffice formats.

Alaska Pacific University, Anchorage, AK
Web Systems Administrator, 2003 – 2007
Technical Scope: Web Servers, Web-related Database Servers, IDS Servers, Linux Backup Servers, and Network Shaping Devices.
Maintained and developed the University's web presence. Oversaw and trained Web Content Apprentice. Saved the University tens of thousands of dollars annually by implementing Moodle, an Open Source Course Management System, and showing that it was up to task in replacing WebCT, a commercial Course Management System. Taught GS-150 Web Development course.
Key Achievements:
- Kept current on network/server security and maintenance practices, applying them in the most efficient manner possible.

- Offered development and support for Open Source software used for Linux servers, web content and Distance Education.
- Monitored IDS sensors and generated administrative reports on most dangerous activities/trends, along with recommendations for mitigation.
- Selected and implemented network shaping devices, allowing University to continue its Distance Education role without the need for added bandwidth.
- Spearheaded implementation of network security initiatives, which included the building and placing of IDS sensors and ACID front end.
- Moved Linux web servers from the no-longer supported Red Hat to Gentoo, saving the University money both for upfront costs (Red Hat Enterprise Licensing) and support hours.

Olympia, WA, Anchorage, AK, and Bremerton, WA,

Contract Web Programmer (Self Employed), 1999 – 2009

Technical Scope: Java, Beans, JDBC, Servlets, JSP, SQL, HTML, JavaScript and HTTP. Developed, programmed, and deployed web solutions and e-business applications. Clients included: AARC (2004) US Fish & Wildlife Service (2002), Ovadavo.com (2002), Sauria Associates (2001) ModernMilagros.com (2000), Ingram Labs (2000).

Key Achievements:

- Contributed search portion of US Fish & Wildlife Service's Digital Library System by tying existing database with Java classes built on Lucene.
- Developed monitored testing application that allowed FCC license tests to be administered to distant locations via HTTP.

ADDITIONAL CAREER HIGHLIGHTS

Web Programmer, INGRAM LABS, LLC, Seattle, WA, 2000

Visitor Services Lead, FRYE ART MUSEUM, Seattle, WA, 1999 – 2000

Sole Proprietor, UNICKORN PRESS, Anchorage, AK, 1996 - 1999

EDUCATION AND TRAINING

Bachelor of Science in Information Technology, Western Governors University, 2013

Certifications and Training

CCNA Security, Feb 2013 (CSCO12017211)

CompTIA Security+, Oct 2012 (COMP001020053502)

CompTIA Project+, Aug 2012 (COMP001020053502)

CIW Web Design Specialist, Jan 2012 (375720)

MCTS-Windows 7, Oct 2011

CCNA, Sep 2011 (CSCO12017211)

CIW JavaScript Specialist, Nov 2010 (375720)

CompTIA A+ IT Technician, Jan 2010 (COMP001020053502)

CIW v5 Associate, Jun 2009 (375720)

GIAC Certified Intrusion Analyst, Effective: Mar 2005 - Expired: Mar 2009 (#0792)

Completed SANS Securing Cisco Routers and Switches Course, Oct 2005

Completed SANS Intrusion Analysis Course, Oct 2004

Completed SANS Hacker Exploits and Techniques Course, Sep 2003