

# BRIAN YOSS

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## SOFTWARE ENGINEERING PROFESSIONAL

COLLABORATIVE TEAM LEADER | ENTERPRISE PLATFORMS | MANAGED SERVICES | GLOBAL OPERATIONS

Accomplished Software Engineering Professional with extensive experience in an enterprise-level full-stack environment managing Managers, Developers, SDETs, QA Engineers, and UX/UI Engineers to develop, test, and release high-quality software. Progressively promoted due to consistently motivating cross-functional teams to achieve/exceed corporate goals while leveraging deep QA expertise. Proven track record in providing architectural/technical guidance to ensure sound engineering practices.

### EXPERTISE

Hire, Train & Mentor | Software Development Life Cycle | Automation | Quality Assurance | Validation | Development Process Optimization | Test Case Management | Scrum Master | Agile Methodologies | Multi-Million Dollar Budgets Test Planning | Cloud Computing | Web Application Security | CI/CD | Performance Reviews

### PROFESSIONAL EXPERIENCE

CORELIGHT, INC. | SAN FRANCISCO, CA | 2021-2023

#### DIRECTOR OF ENGINEERING

*Served as a member of the Engineering Leadership Staff reporting to the Chief Development Officer, I managed two software development teams. One team, Network Traffic Insights, responsibility included building and maintaining core Open Source sensor technologies (Zeek & Suricata) for Corelight's appliances, virtual and cloud offerings. These sensors provide the ability to view insights into all network traffic from a North/South and East/West perspective within a Network Detect & Response (NDR) solution.*

*Spearheaded Smart PCAP team, engaged in building critical PCAP functionality within our portfolio, which allowed organizations to only capture the specific data they care about. This data could be stored via iSCSI, Local Storage, or Object Storage (AWS, Azure, and GCP) and allows analysts to identify critical components of data breaches, vulnerabilities, and traffic patterns across their network.*

- **Drive change and influence Stakeholders** to introduce multiple process improvements across engineering to standardize efforts and provide better transparency across the organization. One example is the "Support Hero" model I implemented, which is a weekly rotation of engineers to dedicate effort towards support issues. This model reduced distractions, removed knowledge silos and resolved issues quicker.
- **Partner with Corelight Labs** to define and enhance cross-team processes for quicker and higher-quality content releases. Resulting in releases being delivered every few weeks as compared to months.
- **Manage near-shore vendor relationships** to help migrate our monolithic classic sensor to our next-gen Kubernetes-based microservice sensor.
- **Scale the organization** by aggressively recruiting, interviewing, hiring, and onboarding across the globe.
- **Converted a struggling team to a high-performing team** by leveraging career advancement, enablement, hiring and firing.

ACT-ON SOFTWARE | PORTLAND, OR | 2020-2021

#### SOFTWARE DEVELOPMENT MANAGER

*Managed CRM & Data Management Team (10 Software Engineers, 1 SDET, 1 QA Engineer, and 1 Tech Writer) to deliver & sustain CRM integrations (Salesforce, NetSuite, Sugar, MS Dynamics) with the Act-On Marketing Automation platform. Focused on: company & product strategy, cross team collaboration, improving efficiencies across the engineering department, and ensuring customer success.*

- **Saved company \$500k/annually** by managing the effort to move from Pivotal Cloud Foundry to Amazon EKS.
- **Partner with executive leadership** to define company and product strategies and to drive high-quality outcomes.
- **Manage vendor relationships** for tooling and licensing across engineering.

- **Collaborate with Support** to ensure customer success by decreasing open escalations and average age to resolution.
- **Manage a 50% increase in engineering resources** by interviewing, hiring, onboarding, and mentoring top talent.

McAfee | Hillsboro, OR | 2005-2019

**SOFTWARE ENGINEERING MANAGER, 2016-2019**

*Managed Shared Service Team (3 Software Engineers) and Operational Success Team (1 Manager, 5 Software/DevOps engineers) to deliver multiple interoperability services to product development teams. Focused on: CI/CD, compatibility, server/client performance, and continuous threat detection validation. Partnered directly with remote teams across the globe to deliver services.*

- **Saved company millions of dollars; increased NPS scores** to enhance Gartner Magic Quadrant placement. Built, enhanced, and maintained internal service, Continuous Delivery Architecture (CDA) due to a lack of standard CI/CD.
- **Re-organized/built a dedicated team for support, validation, and DevOps** due to growing CDA requirements; enabled expansion of CDA while ensuring core dev team resolved more issues efficiently/achieve quick releases.
- **Built/maintained an internal Software Development Kit (SDK)** consisting of REST APIs for development teams to integrate their automation into our Continuous Delivery Architecture service. Improved efficiency/team morale.

**SOFTWARE ENGINEERING MANAGER, 2014-2016**

*Managed team (3 Software Engineers, 3 SDETs, 1 User Experience (UX) Engineer) to deliver innovative, real-time, bi-directional communications fabric. Ensured fabric provided product integration simplicity resulting in immediate sharing of relevant data between endpoint, gateway, and other products by enabling security intelligence and adaptive security.*

- **Achieved higher-quality product due to slowly introducing Agile Scrum methodologies** resulting in more predictable features and timelines as well as allowing time to successfully bake quality into the development cycle.
- **Led team to implement/execute an automation strategy** to enable CI for higher-quality deliverables. Utilized the BDD approach and leveraged TeamCity and Behave to provide feedback on unit/functional tests, and code coverage.
- **Increased automated functional/code coverage across C++ and Java Server/Client-side** components. Led team to define quality metrics as well as delivered nightly builds with automatic functional verification test execution.
- **Partnered with a remote team in Argentina;** prioritized development; delivered on-premise/Cloud features.

**SENIOR QA ENGINEER (QA LEVEL 5- SCRUM MASTER), 1/2014-5/2014**

*As a Scrum Master, led 7 key stakeholders across Development, QA, and Tech Pubs to produce high-quality features for each sprint while maintaining high velocity. Focused on PSI & Sprint planning, backlog grooming, tracking burn down, coordinating Sprint demos, and executing retrospective meetings. Coordinated actions; removed impediments across-teams.*

- **Successfully led initiative to implement transition plan from Waterfall to Agile** development to deliver high quality and faster deliverables. Partnered directly with the QA manager to coordinate QA resources/meet milestones.
- **Drove continuous process improvement** to increase team velocity and deliver high-quality stories. Participated in code reviews to ensure quick identification of issues. Acted as the main QA point of contact to triage/resolve issues.
- **Collaborated with a remote team in India** to deliver new product features and improve communications.

**SENIOR QA ENGINEER (QA LEVEL 4- TEAM LEAD/SCRUMMASTER), 2011-2013**

*Led QA team (7 QA Engineers) to deliver McAfee's enterprise security management platform (ePO Version 5.0) running Tomcat & Apache (Microsoft SQL backend). Led quality effort for the conversion of ePO from an On-Premise to a Cloud (SaaS) solution. Partnered with remote team in India. Key member in the team hiring process.*

- **Successfully defined new Agile/Kanban process for Sustaining efforts;** ensured quality, on-time patch releases.
- **Increased efficiency/decreased costs due to developing ePO install tool;** utilized Autolt to automate installs.
- **Q4 McAfee Security Management Employee of the Quarter** due to continuous outstanding performance.
- **Author/speaker: Pacific Northwest Software Quality Conference** - "[Automating Build Installs Using Autolt](#)".

**SENIOR QA ENGINEER (QA LEVEL 3- TEAM LEAD), 2007-2011**

Led QA team (6 to 11 Engineers) to deliver ePO version 4.5 & 4.6. Partnered with a remote team in Bangalore, India. Defined processes/guidelines for posting products to the download portal. Trained junior QA staff. Created black box automation tests.

- **Visited customer sites (Lockheed Martin, Honeywell, ON-Semiconductor, PSU)** for consultation/ePO installs.
- **Built web application frontend using JavaScript** to track and monitor quality test plans.

### QA ENGINEER (QA LEVEL 2), 2005-2006

Built test plans/cases and conducted testing on the enterprise platform. Collaborate extensively with cross-functional teams.

- **Successfully sustained existing enterprise management platform** to deliver patches/hotfixes in a timely manner.
- **Created QA tools using C# and practical training documentation** to consolidate processes between teams.

### EXTENSIS | PORTLAND, OR | 2000-2005

### LEAD QA ENGINEER, 2003-2005

Led team (5 QA Engineers) to deliver digital asset manager for a dynamic web publishing e-commerce module using IIS, Apache, and Webstar servers. Built schedules, managed resources, tracked projects, and used Eggplant for test automation.

- **Led design/implementation of new QA lab** while managing existing cross-platform QA (13 servers and 30 clients).

### QA ENGINEER, 2000-2003

Built test plans/cases and conducted testing. Collaborated with a cross-platform product development team. Utilized Windows/Macintosh client-server testing, Oracle & MS-SQL databases, FileMaker Pro, Perforce, and WhiteBox testing.

- **Conducted localized testing in French, German, and Japanese.** Accurately completed on time/within the deadline.

### EDUCATION

**BS, BUSINESS ADMINISTRATION: MANAGEMENT INFORMATION SYSTEMS, MINOR: COMMUNICATIONS, OREGON STATE UNIVERSITY**  
Fraternity Member: Participated in numerous community-related initiatives and led internal fraternity offices.

**CERTIFICATIONS:** CERTIFIED SCRUMMASTER | MICROSOFT CERTIFIED SYSTEM ADMINISTRATOR

### TECHNICAL EXPERIENCE

**Agile (Scrum and Kanban) project management:** VersionOne and Jira.

**Test Case Management & Tracking:** HP Quality Center | **Source Control:** Subversion, GitLab, GitHub, Bitbucket, and Artifactory.

**Programming knowledge:** Java, C#, Python, C++, JavaScript, Visual Basic, XML, Perl, HTML, JSON, YAML, DOS & UNIX

**Automation:** C#, Python, QTP, Visual Basic, Batch Files, Autolt & Eggplant.

**Install/Administer:** Mac OS X, Windows client/server, Variations of Unix (Redhat, CentOS, Ubuntu, etc).

**Cloud Technologies:** AWS/Azure/GCP for full-stack web apps

**Microservices:** Kubernetes (K8s, K9s, K3s, K3d, RKE2), Docker

**Virtualization:** VMWare ESX/vCenter, Hyper-V, Citrix XenServer, and Oracle VirtualBox

**Continuous Integration & Deployment:** TeamCity, Jenkins, GitLab, Bamboo | **Bug Entry:** Bugzilla, Jira & FileMaker Pro.

**Project Management:** VersionOne, Jira, Confluence, and Microsoft Project.

**Additional:** Splunk, Falcon LogScale (Humio), New Relic, Microsoft SQL, Oracle and Postgres DB knowledge.

### COMMUNITY INVOLVEMENT

**OSU COLLEGE OF BUSINESS - INFORMATION SYSTEMS (BIS) ADVISORY BOARD MEMBER**

**ST. ANTHONY ANNUAL AUCTION - WEBSITE ADMINISTRATOR**

**TIGARD DIAMOND SPORTS - BASEBALL COACH**

**CATHOLIC YOUTH ORGANIZATION - BASKETBALL COACH**