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| Executive Summary | Architect/Director/Senior Manager with over 20 years’ experience in leading, mentoring, architecting, designing, developing, and testing enterprise teams and solutions. Certified Product Owner & ScrumMaster with long history of delivering on time and at or under budget. Comprehensive experience in Cybersecurity, Networking, Operations, Mobile & Cloud technologies, as well as Big Data.   * Leadership experience with international teams spread around the world with dozens of engineers working on numerous projects and hundreds of cross-enterprise interactions. * Ability to architect, design and implement complex systems from concept to deployment. * Experience ranging from Mobile/IoT to enterprise Cloud platforms and solutions. * Goal-oriented leader with extensive personnel coaching experience and a track record of building strong individual engineers/architects and successful teams. * Organized, highly motivated, and detail-focused problem solver. | |
| Relevant Experience & Accomplishments | **Netskope Private Access, Architect** *(2019-present)*  **Netskope, Inc.** *(via acquisition of New Edge Labs, Inc.)*   * Architected, Designed, Developed, and deployed multiple components of the NPA (Netskope Private Access) Product, including Windows/Mac/Android/ChromeOS Client and several back-end services. * Successfully executed the growth of NPA beyond 300,000 unique devices with Terabytes of data throughput across 50+ PoPs around the world. * Architected, Designed, Developed, and supported multiple product enhancement requests, including advanced throughput implementations, DNS optimizations, and scaling solutions. * Evangelist and Trainer for Agile methodologies to advance the organization towards Kanban, enabling greater transparency, less inter-project friction, and optimized utilization. * Coordination of 3 Agile Engineering teams to deliver NPA product releases, including research, development, integration, testing, documentation, and cross-company training.   **Sr. Director, Engineering** *(2017 – 2019)*  **New Edge Labs, Inc.**   * Prototyped, designed, developed, and tested the New Edge Access client for the Windows, Android, and Linux platforms. Developed and tested enhancements and extensions of the New Edge Access client for macOS and iOS. * Developed, tested, and supported enhancements to the universal access and secure tunneling technologies, including new features and optimization. * Released, maintained, and supported the New Edge Access client on the Microsoft Store. * Released, maintained, and supported the New Edge Access client on the Google Play store. * Implementation and demonstration of multiple partner and customer integration solutions. * Responsible for customer success efforts with multiple organizations ranging from small engineering companies to Fortune 100 multinationals. * Successfully executed regular DevOps activities in public Cloud environments, including continuous integration, weekly releases, infrastructure as code, and security enhancements. * Implemented and maintained an ISO 27001 compliant framework for corporate Information Security and Risk Management. Developed automated controls and analysis capabilities to facilitate real-time alerting and remediation.   **Cloud Solution Architecture, Manager** *(2015 – 2017)*  **Smartronix, Inc.**   * Successful coordination of day to day solutions delivery for over 70 Solution Architects working across dozens of client engagements and enterprise environments for Fortune 100 customers. * On-going recruiting management and coordination to successfully hire and train over 30 new Solution Architects in less than 6 months. * Evangelist and Trainer for Agile methodologies to pivot the organization towards SCRUM, enabling greater transparency, less inter-project friction, and optimized utilization. * Architected and developed an innovative framework for enhanced and expedited solutions delivery with automated, self-healing, and secure Cloud managed services. * Mentoring and hands on implementation with multiple project efforts to ensure quality solution delivery, with best practice knowledge base documentation for broader training.   **SMBU Mobility, Director** *(2014 – 2015)*  **Intel Corporation** *(via acquisition of McAfee, Inc.)*   * Hands on leader responsible for driving the transformation of McAfee’s Enterprise Mobile organization into a Mobility enabling role in support of multiple enterprise products. * Product evangelist, responsible for corporate presentations and customer briefings at the McAfee FOCUS conference in Las Vegas from 2012 to 2014. * Coordinated Program Increment and Release planning with inter and intra team stakeholders including executives, sponsors, engineers, support, sustaining, tech pubs, training, and sales. * Lead the organization through an intensive Agile transformation that saw quality increase dramatically to almost 90%, solid team retention with minimal attrition, and the successful on time delivery of all promised features as well as innovative product offerings beyond the team’s commitments. * Initiated, supported, and guided an innovative next-gen security offering using BigData machine learning in support of enterprise mobile, networking, and endpoint with multi-BU coordination.  McAfee EMM, Senior Engineering Manager *(2007 – 2014)* **McAfee, Inc.** *(via acquisition of Trust Digital, Inc.)*   * Technical product owner for the McAfee EMM product responsible for creation of epics and user stories to fulfill business and customer needs, including release prioritization and delivery. * Coordinate Sprint and Release planning with various stakeholders including engineers, support, sustaining, integrations, and sales. * Daily coordination with partner companies to integrate and roll-out EMM as a hosted SaaS (Cloud) offering available worldwide in multiple datacenters. * Optimization of platform to scale well beyond 250,000 endpoints in enterprise environments. * Weekly mentoring of engineers and regular training to ensure personal career growth. * Designed, architected, and implemented the TrustDigital Enterprise Mobility Management (EMM) Platform. McAfee acquired TrustDigital in June 2010, after which I interviewed, hired, and trained numerous developers, located around the world, to continue enhancing the product and implement integrations into various other McAfee products. * Phone screening and interviewing of hundreds of candidates to find the right employees and develop a world class engineering team transforming from a team of 2 to over 60 engineers. * Coordination of 4 Agile Engineering teams to deliver EMM product releases, including research, development, integration, testing, documentation, and cross-company training. * Regular participant in code reviews to ensure sound engineering practices are followed and development metrics are captured for reporting, analysis, and continuous improvement. * Maintain entire product line and supporting software using a quality driven life cycle, facilitating automated installation, unit, functional and load testing, as well as code driven documentation. * Implementation of BDD (Behavior Driven Development) methodology to increase collaboration among the teams and augment quality initiatives. * Worked with Senior Management to design patented IP and implement an Exchange ActiveSync Proxy that is capable of dividing ActiveSync traffic into data and policy components so that devices can be easily managed while maintaining content security. * Work with Sales Engineers and Enterprise Architects to develop customized solutions for customers and accelerate sales deals; personally involved with all large customer accounts. * Lead the company’s enterprise mobile development efforts, including Remote Assist, Policy Manager, and the TrustDigital Enterprise Mobility Management product. * Managed the Scrum process through daily stand-up meetings, Planning, and Design meetings * Coordinated with Product Management, Customers, Quality Assurance, Sales Engineers, Support, and other stakeholders to ensure a complete product deliverable with all requested features. * Principle platform developer on all components of the product, including WiX based installer, IIS/WCF components for device connectivity, n-tier architecture components, database design and implementation, as well as all test-driven development capabilities.  Enterprise Architect / Team Lead / Sr. Developer *(2000 – 2007)* **NEW Customer Service Companies / Digicon, Inc. / Intelligent Decisions, Inc.**   * Organized project initiatives and lead development efforts from concept through maintenance. * Enhanced business processes and reduced back-office costs with holistic development methods. * Lead business analysis and development effort with a Fortune 100 client to improve customer relations by reducing product install and support time. Results after 12 months indicated an 80% increase in customer satisfaction. * Lead the development effort on a 4-way multi-master replicated, Oracle 9i RAC database solution. * Trained multiple junior developers in enterprise development and support techniques, including OO design, SaaS best-practices, source control, change management processes, and quality control. * Customized MS SharePoint Portal to manage the development workflow and Change Management processes in order to improve developer productivity and quality. * Lead the development of several high-visibility web sites to increase usability and reduce maintenance costs. * Implemented internal web sites to reduce manual effort and improve business processes for various client-related efforts. These sites were used by marketing to advertise corporate cost savings and business value.  Systems Engineer *(1997 – 2000)*Advanced Automation  * Implemented a quality control system for Rockwell International involving a Bar Coding system and integrated database with ad-hoc reporting capabilities. The project was completed successfully, on time, and was the most profitable project for fiscal year 1999. * Engineered a Data Warehouse solution for an Extrusion Manufacturing plant used in the textile industry for the manufacture of air bags. * Managed multiple projects included scoping exercises, database design, and development in PL/SQL, C++, Visual Basic, and DCOM. | |
| Professional Certifications | **Google Certified Cloud Associate Engineer**  **AWS Certified Solutions Architect, Professional**  **AWS Certified DevOps Engineer, Professional**  **AWS Certified Solutions Architect, Associate**  **AWS Certified SysOps Administrator, Associate**  **AWS Certified Developer, Associate**  **Certified Scrum Master**  **Certified Product Owner**  **Java Certified Programmer** | Google GCP  Amazon Web Services  Amazon Web Services  Amazon Web Services  Amazon Web Services  Amazon Web Services  Scrum Alliance  Scrum Alliance  Sun Microsystems |
| **Microsoft Certified Professional** | Microsoft Corporation |
| **WebMethods B2B Integration Developer** | webMethods Corporation |
| Patents | **System and Method for Mediating Connections Between Policy Source Servers, Corporate Repositories, and Mobile Devices** | International Patent Application # PCT/US09/63640 |
| Development & Software Experience | Cloud Platforms  * AWS, Azure, Google Cloud  Development Languages  * C, C++, C#, Rust, Java, Go, Python, PHP, Perl, SQL, PL/SQL, WiX, JavaScript, JSP, ASP(.NET), Ruby, Bash, PowerShell  Container Technologies  * Docker, Docker Compose, Kubernetes  Component Technologies  * WCF, EJB, COM, DCOM, ActiveX  IDE Tools  * Visual Studio, Android Studio, XCode, IntelliJ, Eclipse, JDeveloper, Quest TOAD, ColdFusion, HomeSite, webMethods Developer, webMethods, XMLSpy, ERWin  Configuration Management Tools  * Git(Hub), CircleCI, Azure DevOps, SVN, CruiseControl, CVS, Visual Source Safe  Monitoring & Performance Tuning Tools  * SumoLogic, CloudWatch, Stackdriver, Quest Spotlight, Oracle SRP, Windows PerfMon  DBMS Databases  * PostgreSQL, Oracle, mySQL, Sybase, MS SQL Server, MS Access, Objectivity  Operating SystemsWindows, Android, Linux, iOS/macOS, HP-UX, Solaris, AIX, QNX | |
| Clearance | **Secret** – April 2007 |  |
| Education | B.S., Computer Science, Clarkson UniversityCustom developed an RDBMS to study relational algebra and data storage technologies.Implemented Java based web browser to assist the university help-desk with customized time-saving Internet features.Developed cryptographic algorithms for use with SMTP and Telnet applications. | |