

*"All of the top achievers I know are life-long learners... Looking for new skills, insights, and ideas. If they're not learning, they're not growing... not moving toward excellence." - (Denis Waitley, American Author)*

Self-motivated, chief software architect and developer of enterprise software with over 20 years of experience creating web applications and backend SOAP and RESTful web service APIs. I'm inspired to make a difference by helping people, solving problems through developing world-class applications. Highly experienced, full-stack software engineer who has built enterprise-level software applications for e-Plansoft, Accurate.com, Autogravity, e-Plansoft, Lifelock, Panasonic Avionics, Gateway Computers, Simpletech, and many more. I have created large, high-availability B2B and B2C e-commerce web applications that span diverse industries from a mom and pop printing franchise to the #1 identity protection company in the United States. Along the way, I have built an iOS and Android app that helps protect millions of people from identity theft.

<b>Languages:</b>	Java, PHP, Perl, C/C++, JavaScript, HTML/HTML5, ASP.net/ASP, VBScript, XML, Progress 4GL, Groovy, BASH, CSS/SASS, ColdFusion
<b>Frameworks:</b>	Java EE, JEE, J2EE, Wicket, Spring, Spring MVC, Spring Boot, Spring Batch, Jersey, Play, Vaadin, JSF, AngularJS, React.js, jQuery, Backbone.js, ExtJS, Dojo, MooTools, Prototype, YUI, Zend, CakePHP, CodeIgniter, LightMVC, Bootstrap, JUnit, jMock, Mockito, Apache CXF, Laravel, NodeJS
<b>Design Patterns:</b>	Service Oriented Architecture (SOA), Oracle Service Bus (OSB), Microservices, MVC, MVVM, Event-driven Asynchronous programming, Microservices
<b>Mobile:</b>	iOS, Android, HTML5, Ionic, jQuery Mobile, Sencha Touch, PhoneGap
<b>Databases:</b>	Oracle, MySQL, MSSQL, MongoDB, SQLite, Progress 4GL, MariaDB
<b>Cloud Computing:</b>	Amazon Web Services (AWS), Docker, IBM Bluemix, OpenStack, Machine Virtualization
<b>Operating Systems:</b>	Mac OSX, Unix/Linux, all versions of Windows, Android
<b>Technologies &amp; Concepts:</b>	JAX-WS, JPA, JDBC, ODBC, JNDI, EJBs, Servlets, JAX-RS, JMS, JTA, JSF, JSP, RMI, SGML, XML, UML, XSD, XHTML, XSL, DTD, SSL & OpenSSL, HTTP/HTTPS, OWASP, XSS, CSRF, SaaS, PaaS, IaaS, Business Rules Engine (BRE), Unit Testing, TDD, Agile/Scrum, Kanban, Waterfall, RESTful webservices, HATEOS, Responsive & Adaptive Design, SPA, Mobile First, UI/UX Design
<b>Software &amp; Tools:</b>	Eclipse, Jenkins, JIRA, Crucible, Bamboo, Wiki, Sublime Text 2, SOAP UI, XAMPP, LAMPP, SQL Developer, Selenium, Tomcat, WebLogic, Glassfish, Bugzilla, Maven, SSH, Sonar & SonarQube

## Leadership & Professional Experience

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Chief Technology Officer, *E-Plan Inc., Irvine CA*

2018 – present

e-PlanSoft™ offers market-leading compliance software for design, construction, inspection, and assessment processes. ePlanSoft's collaborative, web browser-based products have been designed by industry experts for architectural, engineering, and construction (AEC) companies as well the state, county, and municipal agencies charged with code creation and enforcement.

- Direct the development and implementation of E-Plan's Cloud strategy and enterprise software suites
- Responsible for transitioning the company's legacy software to a modern, cloud based, microservice architecture
- Built highly effective software engineer teams
- Acted as product owner of the company's flagship application
- Acted as scrum master, running a daily standup, keeping track of velocity, managing backlogs and setting up sprints.
- Acted as QA, DevOps Engineer managing the companies AWS instances and docker cluster
- Performed project management duties and acted as customer success manager for company's large key customers
- Technologies: AWS, NodeJS, Python, Docker, Rancher, Saltstack, Linux, AngularJS, ReactJS.



#### Software Solutions Architect, *accurate.com, Irvine CA*

2016 - 2018

Accurate Background provides customized background screening, drug testing, and I-9 solutions through innovative, web-based technology. An industry leader trusted by organizations worldwide, for over 20 years they offer superior, quality products to meet the needs of human resource and loss prevention professionals.

- Responsible for transitioning the company's legacy software to a modern, cloud based, microservice architecture
- Software Architect, Mentor, team lead, and lead engineer for Accurate's Client Portal application.
- Technologies: Java, Angular 1.X, RESTful webservice, MSSQL, Docker, Rancher, Saltstack, AWS.

#### Senior Software Architect/DevOps Engineer, *Autogravity, Irvine CA*

2016 - 2016

Autogravity was a startup that revolutionized the car buying experience. They help people buy a car by finding the dealer that has the specific car, then get them approved for financing in minutes, and schedule the onsite dealer pickup all from a smart phone.

- DevOps Engineer responsible for all software development including CI/CD, build and release processes .
- Responsible for researching, prototyping, and proof of concept of the software technology for the startup.
- Technologies: Spring Cloud (Java), Microservice with Rancher and Docker, RESTful webservice, MySQL

#### Chief Software Architect/DevOps Engineer, *e-Plansoft, Irvine CA*

2015 - 2016

e-Plansoft is a startup shaking up the paper intensive construction design industry by creating paperless construction plan review software for government agencies in cities, counties, and state. I was responsible for developing the company's next generation product line of electronic plan review and compliance software.

- Responsible for all software development including build and release processes.
- Responsible for architecting the future technology direction of the company's software products.
- Support and maintain all customer installations and reduce dependency on third party consultant companies.
- Support and maintain all customer hosted application on Amazon Web Services (AWS).
- Provide customer integration support on Amazon Web Services (AWS) and Microsoft Azure cloud platform.
- Technologies: ColdFusion (Java), .net, Windows servers, RESTful webservice, MSSQL, HTML5/Javascript.

#### Principal Software Engineer, *Lifelock Inc, Irvine CA*

2011 - 2015

Lifelock is a leader in Identity Theft Protection services. I developed Java frontend and backend web applications built on Wicket and Spring framework on a heavy service-oriented architecture (SOA). Creator of numerous SOAP and RESTful web service APIs on Oracle WebLogic and Tomcat using Java EE and Spring Framework.

- Developed a financial activities monitoring application used by millions of users to monitor billions of financial transactions.
- Developed an iOS and Android app that helps to protect millions of people from identity theft.
- Creator of numerous SOAP and RESTful web services that are part of the company's web and mobile products.
- Creator of dozens of in-house tools used by developers, QAs, and Systems Administrators to deliver a world-class product.
- Developed a data-driven, User-Interface login forms generator that connects to over 8000 financial institutions.
- Technologies: SOA, JEE, WebLogic, Tomcat, Oracle Service Bus (OSB), Web Services (SOAP & REST), ASP.net, JavaScript, Spring Batch Framework, Oracle DB, Agile/Scrum, PHP, Wicket, MySQL, Spring MVC, Spring Boot, Bootstrap, SASS

#### Application Architect/Lead Engineer, *Panasonic Avionics, Lake Forest CA*

2007 - 2011

Panasonic Avionics Corporation is the world's leading supplier of inflight entertainment and communication (IFEC) systems serving over 275 airline customers around the world. I was lead architect and developer of airline cabin maintenance application used by major airlines around the world on a technology platform of PHP/HTML, C/C++ and Linux.

- Architected and developed the ubiquitous aircraft HTML maintenance application used by major airlines around the world.
- Developed a defect logging application (eLog) used by Cathay, Virgin Australia, Qantas airlines.



- Developed content management system (CMS) for airlines to build and configure inflight entertainment (IFE) systems.
- Created software release/build tool to streamline software release process and reduce manual errors.
- Co-developer of Content Delivery System (CDS) software to automate delivery of media and software onto aircraft fleets.
- Technologies: Linux, Apache, MySQL, PHP, C/C++, HTML/JavaScript, YUI, SNMP, Zend Framework

#### Senior Software Engineer, *Gateway Inc., Irvine CA*

2005 – 2007

Gateway Inc., is a computer hardware company, which develops, manufactures, supports, and markets a wide range of personal computers, computer monitors, servers, and computer accessories. I was Senior Software Engineer and part of the team that developed and maintained Gateway's e-commerce website ([www.gateway.com](http://www.gateway.com)). The technology platform was Java (rules engine) and PHP, Microsoft .NET on the front-end, and Oracle database.

- Developed Gateway's e-commerce website ([www.gateway.com](http://www.gateway.com)) serving millions of users per day.
- Developed custom HTTP session engine to enhance the scalability and reliability of gateway.com serving millions of users.
- Developed content management system (CMS) to customize personal computers on a large business rules engine (BRE).
- Developed a CMS application to merchandise computer accessories and upgrades on an extensive business rules engine (BRE).
- Technologies: PHP, Oracle DB, HTML/JavaScript, Java, ASP.net, CMS, Java-based rules engine

#### Webmaster/Senior Software Engineer, *SimpleTech, Irvine CA*

2001 – 2005

SimpleTech designs and manufactures flash memory cards, USB flash drives, memory upgrades, and external and portable disk drive storage. I was senior software engineer who developed the company's B2B and B2C e-commerce stores on a platform of Linux, Apache, PHP, and Progress 4GL database on Webspeed. I was also the Webmaster and Certified Microsoft Systems Engineer (MCSE) for the company.

- Webmaster responsible for the company's website ([www.simpletech.com](http://www.simpletech.com))
- Lead software engineer for the company's e-commerce website selling memory and storage drives for computer upgrades.
- Developed a sophisticated caching engine that was able to cache SQL queries, function calls, entire web page, and more.
- Developed rules engine for memory finder application to match computers with their compatible memory and storage upgrades.
- Developed in-house helpdesk ticket application that saved the company millions of dollars and increased efficiency.
- Technologies: PHP, Perl, Progress 4GL, Progress Database, MySQL, HTML/JavaScript

#### Webmaster/Software Engineer, *Allegra Network LLC, Troy MI*

1998 – 2001

Allegra Network LLC, one of the world's largest printing franchises with nearly 500 locations in North America. Microsoft Certified Systems Engineer (MCSE) and systems administrator for Allegra Print and Imaging corporate headquarters. I was the company's webmaster/software engineer who developed customized websites and a print material proofing system for over 350 franchised print centers on Microsoft ASP/JavaScript platform using Microsoft SQL Database and Microsoft IIS servers. Lotus Notes Domino servers were also used.

- Developed web-based electronic file transfer and file management applications for 350 print centers.
- Cut support calls to home office by 40% utilizing my custom helpdesk application.
- Administered corporate network including web, database, DNS, DHCP, and e-mail servers.
- Provided remote technical support on Windows NT, Windows 2000, Windows 9x, DOS, and Apple MAC computers.
- Lead software developer for Allegra Network's website ([www.allegranetwork.com](http://www.allegranetwork.com))



## Education & Professional Certification

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- Master of Business Administration (MBA), *California State University Fullerton*, **2006**
- Bachelor of Arts (BA), *Vassar College*, **1996**
- Microsoft Certified Systems Engineer (MCSE), **1999**

## Achievements • Public Service • Hobbies

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- Winner of Lifelock's Spark Plug award for innovation and creative problem solving to reduce cost and improve efficiency, **2015**
- Developer of Lifelock's transaction monitoring application that monitors billions of financial transactions, **2015**
- Developed Panasonic Avionics ubiquitous HTML maintenance application used by many of the world's airlines, **2007**
- Developed computer memory finder kiosk application for SimpleTech, **2004**
- Received Special Achievement award for e-commerce application for Allegra Networks, **2001**
- Microsoft Certified Systems Engineer (MCSE) Certification, **1999**
- Spent the summer working w/ children at the Santa Ana chapter of the United Cerebral Palsy, **1998**
- Member of Vassar College Student Association as President of Student Dormitory, **1993**
- Academic achievements and awards in Mathematics, Science, and Social Science, **1991**
- City of Santa Ana's Chamber of Commerce Young Man of the Year, **1991**
- Avid reader of books on programming, technology best practices, and the occasional self-help and personal growth, **Ongoing**

## References

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When every resume looks the same, filled with technical jargon, 3-letter acronyms (TLAs), and the latest buzz words, how do you know if someone is a talented software engineer, a great leader, an exceptional team player, and overall a good person? Simple, you ask that person to provide as many references as they can.

I can provide references from every managers, supervisors, co-workers, and peers that I've ever worked with from every place I have worked for upon request. Please check out the online version of my resume at [bethechange.la](http://bethechange.la).