**R. BRANDON TWITTY** [**twitty.**](file:///C:\Users\user\Documents\themeforest-21631479-oz-multipurpose-portfolio-html-template\Oz\twitty.me)**io**

**CAREER SUMMARY**

Experienced business-oriented software professional, with 10+ years of delivering sustained solutions to enterprise companies. Major experience lies in wholistic vision of business, implementing processes and strategies to fill inefficiencies that ultimately lead to better profitability. These deeply rooted skills will deliver predictability, accurate forecasting, accurate budgeting, continuous delivery, built in quality and overall solidify the connection between the business needs and the development process - delivering **best value** to all stakeholders.

**SKILLS** (not limited to)

**Management Disciplines:** Scaled Agile Framework SAFe, Lean Manufacturing Leadership Certification, Lean Sigma concepts, Value stream mapping (manufacturing)

**Languages:**Java, JSP, MySQL, Groovy, JavaScript, CSS, HTML, PHP, Vanilla.js

**Cloud Platforms:** Google Cloud Platform, AWS

**Frameworks:** Spring, MVC, J2EE, JSF, Groovy on Grails, *Thymeleaf*

**Software:**Intellij**,** VersionOne, Jira Suite, Git, KDiff, Source Tree, SSH clients etc

**Servers:** Weblogic, Tomcat, LAMP, AWS (EC2, Simple Storage Solution, Cloud Front, RDS)

**DevOps:**Jenkins, CI/CD, Docker, Bamboo

**Testing Tools:** Cucumber, Selenium, Junit

**Build Tools:**Maven, Gradle, Ant

**EXPERIENCE**

**Premier Logic | ALTEN Calsoft Labs** Jan 2019 – present

*Sr Solutions Architect / Sr Consultant*

This positioned allowed me to use my vast and strong technical skills to guide a large transformation in a landmark enterprise company in which we took old monolithic legacy applications to a single new cloud native microservice architecture application. Combining serverless technologies with traditional Spring Boot Java, built a Reference Architecture Development environment utilizing GCP to train and prove out integrations for the development teams to learn the new methodologies. Although hired as junior member of the team, my role ended up as one of the most senior Architects in which I performed and led the following tasks:

* All architectural development and document “how to” in confluence
* Lead the Domain Driven Design process such as building context maps, leading event storming sessions, in order to identifying bounded context, carving out transaction boundaries and among other things trained development teams *on* best practices of DDD and Event Driven Microservices
* Designed then developed microservices, created the individual MS folder structure and integrated Pub/Sub, AppEngine, Istio Service Mesh Kunbernetes etc
* Created Boiler plate microservices so developer can pull a documented, general service with all infrastructure and integrations with sample code in place so developers can focus on adding business value
* Developed and presented digital transformation plan that included staffing team sizes and needed skills, capacity planning to build roadmaps, identified release trains, Agile team make structure and standard operating procedures for Epics, Features, User Stories, Enablers and Capacity allocation
* Present to the highest levels of management such as VP’s of enterprise architecture, VP’s of Engineering, Senior VP’s Digital Strategy Plans, Engineering Enablement Tools, Reference Architecture Development and overall Solutions Architecture
* *Implimented Angular Elements to make strangling out legacy applications easier*
* *Deploy Netflix Stack and other Spring MS infrastructure to quickly build POC’s*

**CACI International** May 2016 – Jan 2019

*SAFe Scrum Master* */ Software Architect*

Initially hired as a Sr Java Developer and quickly became Java lead for my team and projects. Initially, the role was managing 15 - 20 Java developers meeting with the government to gather requirements then translating them to the development team. Responsible for managing them through the entire development life cycle to production. After reorganization promoted to a SAFe Scrum Master and my team became the Sr Architecture team for the business unit. In this role I perform the following tasks:

* Manage the transition to the Scaled Agile Framework enterprise (SAFe). Attended SAFe for Teams and SAFe Product Owner/ Program Manager course.
* Facilitate all scrum activities and ceremonies for my team
* Provided leadership to build processes that improved quality, speed and accurate estimation of projects.
* Shielded development team from nonvalue-added tasks
* Facilitated PI planning for the team and presented the final plan to program managers for approval
* Train and lead scrum teams on tools and methods to meet objectives, provide quality code and create a constant feedback loop
* Participate in Program Backlog grooming sessions assigning SWAG, WSJF, to help the Program Managers understand road map timelines and budgets needed to meet business needs.
* Perform Analysis Spikes into future development efforts to find the best solutions, frameworks and or tools to solve the hardest problems in the program.
* Present COAs in Joint Engineering Team meetings to be approved by PMO that moved epics from analyzing to Program Backlog.
* Present COAs in PI planning architecture vision & development portion of the event and what work needs to be pulled in this PI to support the road map.
* Present accomplishments and system demos to clients at the Inspect & Adapt event

**Architecture projects designed and implemented include:**

* Surgical removal and replacement of an end of life Weblogic 11g ORM library (Kodo) in order to upgrade from Java 6 to Java 8, ultimately allow the program to move from 11g to 12c Weblogic servers. Using the Strangler Pattern, managed several scrum teams that moved module by module incrementally to not disrupt users and minimized risk.
* Designed custom unit testing framework to unit test the entire persistence layer's integration with the DB
* Analyze all outdated technology and created a plan forward to bring the program up to date. This work was broken down for many scrum teams to consume.
* Led the charge on changing the company's' branching strategy from Git Flow to Trunk Based Development. Continuous Integration and Continuous Delivery led to two-week deployments instead of 3 months to year between deployments
* Led a 15 - 20-person development team in new development of a Service Oriented Architecture utilizing JavaEE and JAXRS as well as a redesigned UI/UX.
* Apply Attribute Based Access Control system throughout the program. Identified user groups and policies that ensure the user owns the object it is trying to access.

[**Dead Inventory Management System**](https://www.bizjournals.com/stlouis/search/results?q=dead+inventory+management+system+)June2011 – April 2015

DIMS was founded to fill a gap in manufacturing automation MRO supply. Large publicly traded manufacturing companies collect warehouses full of unopened, brand new parts to up keep Maintenance Repair Operations. We connected companies that needed those parts with those who have built a surplus. A lot of times these are legacy parts that are difficult to find in traditional ways. Since no solution existed the companies would eventually throw the inventory away. The software developed was a proprietary listing tool that could list 1000s of automation MRO supply parts, fully decorated and optimized, to sell online on our ecommerce site (Market Place). The listings were also distributed to other marketplaces we interfaced with such as eBay.

Accomplishment highlights include:

* [Capital Innovators Accelerator Program](https://www.capitalinnovators.com/) Portfolio Company
  + $50,000 in cash and $50,000 in perks
  + 6 months of training on advanced technics to scale software and businesses
* $40,000 gross sales in one month, the 6th month in business
* [iSelect](https://www.iselectfund.com/) Fund Portfolio Company
* Clients included [Mallinckrodt Pharmaceutical](http://www.mallinckrodt.com/), [Mark Andy](http://www.markandy.com/), [French Gerleman](https://www.frenchgerleman.com/)
* Named top ten start up in St Louis by [ITEN](https://www.itenstl.org/)
* 1,000,000 total capital raised

*Founder /CEO*

* Created 5-year financial projections including the Ask, PNL, Cash Flow, Personnel, Best Worst Case, PMT/ Debt and a driver tab
* Designed pitch decks for Venture Capital Investors, Accelerator Programs and Grants
* Negotiated cash equity deals and convertible note investments
* Prepared SEC filing documents when DIMS was selected to be an iSelect Fund portfolio company
* Managed relationships with VCs, customers, venders, and employees
* Set budgets, financial projections and goals for each round of funding
* Hired a development team 5-8 overseas members and 3 in office members
* Designed and manage full development life cycle from conception to launch a full-scale custom market place with proprietary features that catered specifically to the manufacturing industry.
* Utilize scrum and agile approaches iteratively launching the minimum viable product, grooming the backlog to prioritize next features to launch.
* Some highlighted features included:
  + Integrated proprietary inventory listing tool. Each part created a fully decorated and search engine optimized webpage. Organically ranked first page on 80% of listings
  + Sellers portal for each seller to manage uploaded inventory and reporting to reconcile books with website sales
  + Administrative login to manage site activities and monitor performance metrics
  + Full enterprise level market place complete with seller ratings, integrated with many APIs, wish lists, seller ratings, dispute portal and modern UI/UX to help users navigate and trust the site easily.

*Founder /Sales Representative*

* Attended networking events, probed contacts to generate leads and convert them to sellers.
* Managed accounts and helped train on system to load inventory into their account
* Developed online marketing strategy to promote each listing organically. Managed PPC campaigns to attract sellers
* Built custom automated tool to quickly analyze page ranking for each URL. At this time about 5000 urls but later grew to over 20,000

*Founder/ Developer*

* Stood up servers and built first generation automated listing tool
* Stood up can food ecommerce site and integrated it with PayPal Pay Flow Pro, UPS, SSL Certification (installed), eBay, and custom proprietary software among other things.
* Installed site monitoring tools to understand where our customers come from, how they behave and tailored future developments to accommodate user needs

**Brady McCasland, Inc.**  Jan 2015 – May 2016

*Process Automation and Technology Manager*

BMI is a private label chemical manufacturer to the oil and gas industry. In this position Automation Controls Engineering and Software engineering were utilized as well as identifying waste and eliminating it from any area of the business.

* Built responsive customized dashboards to visualize and track all material movement in the plant
* (opposite) Moved the entire program to an on-site server from the cloud which evolved into a plant secured network, plant email and intranet.
* This allowed for automation such as inventory levels, QC checks, and to the penny expenditure reports whenever needed.
* The owner had the ability to now manage the business from any device anywhere in the world
* Maintained and retrofitted processes to automation machinery.
* Taught and implemented Lean Manufacturing Concepts such as visual management, identifying 7 common types of waste, 5s and daily metrics.
* Identified cost savings in moving employees to PEO ADP Total Source and diligently managed that through. This saved the company a ton of money and now employees had a sufficient HR department.
* *Found and worked with overseas suppliers to reduce the cost of large bags. BMI was purchasing* ***30,000 large bags a year*** *at $16 each. Finding the right quality supplier, the price was reduced to $4.50 each*.
* Started Lean Initiative Program to promote a savings culture

**Mark Andy** Sep 2009 – Sep 2011

*Value Stream Leader / Automation Engineer*

Mark Andy is a global leader in flexo printing press manufacturing. From the benchmark 2200 to the award-winning technology of the Performance Series, Mark Andy has helped converters to be successful for more than 65 years.

Technical achievements:

* Developing motion control for a rewind slitter.
* Developed a standard PLC program that included all options and were turned on and off by the HMI to the customer specification.
* Developed complicated drive programs for many different applications to properly maintain web tension using load cell feedback or an open loop system.
* *Added tuning parameters to be accessed by HMI to optimize field install time reducing from 2 weeks average to 3 day and production time in half.*

Foreman responsibilities included:

* Developing work schedules and staffing correctly to fulfill work load.
* Certified in Lean Leadership and concepts
* Enforcing and identifying 7 most common types of waste, visual management and tracking key performance indicators to better understand and manage company priorities.
* *Teaching and upholding lean philosophy such as calculating takt time, 5S, standard work, continuous improvement and implementing a kanban inventory system.*

Service engineer responsibilities included:

* Developing program solutions and electrical designs to retrofit machines across the globe.
* Guided technicians remotely to install and debug retrofit designs.
* Providing remote diagnostics to plant Maintenance personnel using online screen share tools.
* Created technical document and training courses for field technicians.
* *Used daily: Drive Monitor, Step 7, Drive Logix, RSlogix, RSView and other Rockwell and Siemens software.*
* Scheduled technicians globally to keep maintenance and repair of printing production facilities at best capacity.

**Oullette Machinery**  Feb 2008 – Aug 2009

*Systems Engineer*

Ouellette Machinery Systems, Inc. is a progressive, well-established leader in the manufacturing of palletizing and depalletizing systems. Founded in 1971, O.M.S. has focused on increasing customer productivity and efficiency. They continue to design and build high quality, technologically advanced products, all while handling the equipment and systems necessary to meet present and future industry needs.

* Responsible for shop operations, field/technical support, and developing high level automation and touch screen software.
* Field and Automation Achievements: Baptized by fire on all makes and models of PLCs, from PLC 2 to Texas Instruments to RSLogix 5000.
* Most challenging field project was a 3-month stint in Texas, where I managed a team of riggers, electrical contractors, and general contractors to consolidate 3 plants into one. This involved bringing old, broken pallitizers from all over the country, rewiring, reprogramming, and making mechanical modifications to accommodate the new applications. Each pallitizer had a PLC 2 and 120 volt control system; some were hastily removed from previous location.
* Went on more than 60 service trips around the US, maintaining a very high satisfactory rating

**Courses, Certifications & Education**

Lean Manufacturing Leadership Certification

SAFe Product Owner/ Product Manager course

SAFe for Teams course

Scrum Master Certification (taking test this week)

Capital Innovators Portfolio Company

iSelectFund Portfolio Company

Montgomery GI Bill Certified Engineering Course

**United States Marine Corps** Sep 2003 – Sep 2007

*Corporal- Honorable discharge*

*24th Marine Expeditionary Unit*

Marine Corps Leadership School

Marine Corps Engineering School

**Various Organizations & Events**

[Wash-U Skandalaris Program](https://skandalaris.wustl.edu/training/internship/)

[Global Hackathon](https://globalhack.org/)

[1 Million Cups Presenter](https://www.1millioncups.com/stlouis)

[Coro Fellowship](http://www.corofellowship.org/fellows-in-action/fellowship-locations/coro-fellowship-st-louis/)