

## About Me

I am a creative, clear-thinking leader with a deep technical background. I have worked for GE since 2008 and developed my technical and leadership capabilities through training courses, world-class leadership programs (Edison Engineering Development Program (EEDP) and Accelerated Leadership Program (XLP)) and a wide array of experiences.

## Education

- 2010 – 2013 **Marquette University - Milwaukee, WI**  
*Master of Science in Computing - Thesis: "Real Time Control Framework Using Android"*
- 2005 – 2010 **Grand Valley State University - Allendale, MI**  
*Bachelor of Science in Computer Engineering*

## Experience

June 2008 – **GE Aviation – Cincinnati, OH**

Present *Sr Staff Technical Product Manager – Aviation - 2 years*

- Managed product vision, strategy, execution, roadmap and feature prioritization using industry standard agile tools like Aha! and Rally for a financial accounting application
- Lead team of 12 software developers to execute to product roadmap; transitioning application to modern technology stack (AWS, PostgreSQL, Vue.js)

*Integration Director, M&A - Aviation Digital, XLP – 1 year*

- Led the integration of 2 acquisitions over a 12-month span, focused on talent development, process and product synergies, culture adoption, product roadmap expansion and mentorship and coaching of ~100 employees.
- Facilitated the development of a robust non-core product divestiture strategy to strengthen the growth portfolio of core competencies
- Side project: SW development lead for a project that provided cloud-based real-time feedback of an aircraft maintenance device

*Senior Enterprise Software Architect - GE for GE Predix, XLP – 1 year*

- Closed financial issues with GE Digital around price/cost/billing for cloud infrastructure and services usage in GE Aviation
- Drove GE Digital prioritization of features based on architectural gap definition with cloud platform and needs of GE Aviation applications
- Led 5-member scrum team on feature development for engineering application

*Senior Embedded Software Engineer – 3 years*

- Led software development on multiple projects including planning, forecasting, earned value management and milestone tracking for teams of 2-6 people
- Implemented a more agile approach to software projects
- Led continuous improvement initiative for group, saving ~\$1M over 2 years
- Instructor and mentor for Edison Engineering Development Program

*Embedded Software Engineer, EEDP – 3 years*

- Embedded software developer utilizing VxWorks, Linux and bare metal OS
- Implemented device drivers on multiple platforms with multiple compiler types
- Designed and created automated testing/continuous integration plans

*Systems Engineering Intern – 2 years*

- Developed an illustrated replaceable parts list tool which saves GEHC ~\$5.5MM
- Prepared all necessary paperwork for release including 3 patent applications



June 2014 – **Michigan Labs – Grand Rapids, MI**  
July 2016 Consulting Mobile Application Developer



- Performed full-lifecycle application development - Android and iOS
- Released four applications using native and cross-platform (Xamarin) technologies

Aug 2011 – **Grand Valley State University – Grand Rapids, MI**  
Dec 2011 Adjunct Faculty



- Lab instructor for Introduction to Digital Systems (EGR 226)

## Training

2018 – 2020 **GE Aviation – Van Buren, MI**

Activating Strategy and Culture, AWS Tech Essentials

2016 – 2018 **GE Accelerated Leadership Program (XLP) – Cincinnati, OH**

*Cloud Computing, Cybersecurity, Blockchain, Unconscious Bias, Cash Management, Effective Communication, Think Like an Airline, Leading Virtual Teams, Management Simulations*

2013 – 2016 **GE Aviation - Grand Rapids, MI**

*Foundations of GE Leadership, Project Management at GE, Leadership Development Course, Green Belt Certification, Engineering@GE*

2010 – 2013 **GE Edison Engineering Development Program (EEDP) - Grand Rapids, MI**

*Accredited, company taught courses in advanced software engineering topics*

## Technical Skills



## References

Steve Walters  
Business Program Manager - XLP  
steve.walters1@ge.com  
+1.513.410.0773

Charlie Nixon  
Senior Embedded SW Manager  
Charles.Nixon3@ge.com  
+1.616.915.8617

John Oldham  
Executive – Business Operations  
john.oldham@ge.com  
+1.214.263.2891