

Nathan Garrett

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Expert RPA and Automations Developer and Full Stack Web/Mobile Developer experienced with Python, React, Node.js, mobile-first responsive development, and business process efficiency and automation. Skilled with modern tooling and eager to learn more.

KEY SKILLS

Languages/Frameworks: RPA Development (Attended and Unattended), Python, React, Redux, JavaScript, Node.js, SQL, HTML5, CSS3, MongoDB, Express.js, Ajax, as well as multiple unit test and assertion libraries (Mocha, Chai, Jest, etc)

Dev Tools & Methods: Agile, Power Pipelines, Power Platform Admin Center, Multiple AWS Services, Git/GitHub, Mobile-first, Responsive, Test Driven Development, Big O Notation, Data Structures and Algorithms, CI/CD Pipelines

Online Marketing: SEO/SEM Optimization, Google Analytics, Campaign Targeting/Management, Web Design

Certifications: Microsoft's ProcessRobot (Now Microsoft's Power Automate) Process Development Diploma as well as their Operations and Administration Certification

Other: ProcessRobot - Process Development Advanced Course Certified, Process Robot Operations and Administration Advanced Course Certified

EXPERIENCE

Technical Product Manager - John Deere Financial, 3/2021 – Current

- Presented to leadership at the 2023 Worldwide Leadership Conference.
- Won the 2022 President's Award for driving excellence and innovation at JDF.
- Increased overall company productivity and efficiency by developing and maintaining dozens of attended automations. These bots are implemented across multiple departments, and in every region in the world, saving thousands of hours of otherwise manual work per month, and have over 99% up-time.
- Assisted in the training and continued skill development of a group of citizen developers internal to John Deere Financial.
- Designing and implementing an Automation Catalyst Curriculum/Training to further empower our current (and future) citizen developers to be successful at scale.
- Designed and implemented a scalable infrastructure for RPA development to scale over time by designing a database for Dev, Cert, and Prod that gives RPA flows increased intelligence as well as the ability to self-heal from previous failed runs without human intervention and an error logging system for better runtime monitoring.
- Built an end-to-end database-driven framework/template, complete with error handling, to ensure quality, consistent processes are being built by developers and citizen developers.
- Built a large RPA solution to replace an existing automation built using VBScript. The new automation is easier to maintain and solved edge cases not handled by the previous solution.
- Improved business process quality by suggesting ways to modernize the existing business processes to work with RPA solutions.
- Worked with Microsoft's Power Automate team to enhance their tool as well as work out bugs that I've discovered while working with it.
- Presented in large scale meetings to raise awareness of RPA solutions and the benefits they provide.

RPA Developer - Big Data Energy Services, 10/2019 – 2/2021

- Increased overall company productivity and efficiency by developing and maintaining an in-house ETL Framework, RPA libraries, and SQL table-driven architecture for use with RPA processes.
- Enabled the company to quickly grow to meet new client demands by training 3rd-party consultants to build some RPA processes for us as well as training some in-house devs from other departments within the company
- Single handedly built 20+ RPA processes end-to-end for Shell Natural Gas along with many more processes for other big name clients (100+ RPA processes in total)
- Increased Operations department productivity many times over by architecting a queue and re-scheduling system and designing systems for our RPA processes to self-heal without manual intervention (often being able

to recover even after being up to several months behind). This drastically reduced man hours and maintenance on all RPA processes across the board (over 1,400 RPA processes running daily)

- Assumed the role/job duties of the Vice President of Development after he stepped down back in 12/2019

Additional Work History

Tracker Technologies | Full Stack Web and Mobile Developer, 4/2018 – 9/2019

Full Stack Developer, 4/2017 – 3/2018

Salem Carriers | Delivery Driver, 10/2016 – 8/2017

GATX Consulting (internet marketing and consulting agency) | Founder, 4/2015 – 1/2017

XXL HOT SHOT TRANSPORTING LLC | Owner/Operator, 7/2015 – 11/2015

Acme Truck Line, Inc. | Owner/Operator, 8/2014 – 7/2015

Performance Food Group | Delivery Driver, 2/2014 – 8/2014

United States Marine Corps | Active Duty (Honorably Discharged), 8/2012 – 9/2013

EDUCATION

THINKFUL | Web Development Intensive, 2/2018

- Intensive, five-month full time course on modern full stack JavaScript development.
- Learn industry best practices and practical software development standards.
- Focus: HTML5, CSS3, JavaScript, jQuery, Node.js, Express, Ajax, React, Redux, and algorithms & data structures.