

# Derrick Boudwin

Email : derrick@derrickboudwin.com — Mobile : +1-801-634-5222

Qualified Director of Product Engineering with over 15 years experience leading international cross-functional teams, using people-centric strategies to develop software resulting in successful, patented, and disruptive products.

## Experience

---

- **BYU-Pathway Worldwide** Salt Lake City, UT  
*Product Manager - Career Advancement (Contract)* Feb - Aug 2024
  - Developed a new student focused international applicant tracking and job matching platform, with cross border payments, legal risk mitigation, and applicant evaluation and training.
  - Developed road map, MVP, alpha and beta testing, and differentiation strategies.
  - Created FERPA compliant data sharing strategies and API requirements.
  - Conducted user interviews and established feedback loops to reduce friction and improve the user experience (UX).
- **Wind River Systems** Alameda, CA  
*Product Line Manager* Oct 2021 - Dec 2023
  - Managed the product development and go to market launch of the first application and tooling marketplace dedicated to embedded development, rapidly enabling third party vendors to integrate and share revenue.
  - Led a pilot multinational, cross-functional team of 40 through an Agile transformation, resulting in faster cycle times, fewer bugs, and the very first on-time product delivery for that team.
  - Launched an infrastructure/platform monitoring and debugging feature for Wind River Studio Developer, reducing incidents and troubleshooting time by more than 30%.
  - Managed the Product Management intern program, successfully onboarding and training 4 University of Waterloo students per year.
- **Virtual Power Systems** Milpitas, CA  
*Principal Technical Program Manager* Nov 2020 - Oct 2021
  - Managed development of first-to-market software to orchestrate critical electrical transmission systems, increasing datacenter capacity by over 30%.
  - Managed software release cycle, QA testing, security, scheduling, and road map of all internal tools and processes.
  - Facilitated the restructuring of architecture reducing company cloud operating budget by 60%.
- **Analytics Fire** Menlo Park, CA  
*Technical Program Manager* Feb 2018 - Nov 2020
  - Disrupted the residential solar sales market by leading a cross-functional team of 7 software engineers, 16 quality engineers, and 2 AI research scientists to create SunPower Instant Design, earning a partnership with Google Cloud; co-inventor of US Patent 10,754,999 “System, method, and computer-readable medium for generating photovoltaic system design.”
  - Managed multiple highly technical, consumer-facing software projects and their fully-remote international and cross-functional development teams.
  - Managed the complete zero-downtime migration of a globally distributed SaaS security product from AWS to Azure Cloud.
  - Trained and mentored client DevOps and release teams in automation, security, site reliability, and CI/CD best practices.
  - Led the successful development of a GDPR compliance program in Salesforce for a fortune 500 company.
  - Produced engaging technical training videos, internal and external technical documentation, user guides, patent applications, and white papers.
- **db Engineering** Heber City, UT  
*Site Reliability Consultant* Nov 2016 - Feb 2018
  - Designed software and infrastructure architecture for new and existing services.
  - Fostered compliance and performed audits for PCI, HIPAA, FERPA, SOC2.
  - Built and executed road maps to migrate legacy applications to 12 factor.
  - Designed and deployed on premises-to-cloud migrations.
  - Performed penetration testing, vulnerability analysis, and risk assessment.
- **getbinocs.com** Boulder, CO  
*Senior Site Reliability Engineer* May 2016 - Nov 2016
  - Designed and maintained a zero-knowledge back-end infrastructure, pipelines, storage, testing, and other automation to index and search email faster and more accurately than Gmail’s native search.
  - Implemented customer UX feedback loop.

- **Kuali.co** Lehi, UT  
*Senior Site Reliability Engineer* *May 2015 - May 2016*
  - Maintained all aspects of custom PaaS for several distributed development teams.
  - Overhauled legacy application platform to prepare for containerization.
  - Advised, tested, and documented application adherence/response to FERPA requirements.
  
- **Mocavo.com** Provo, UT  
*Senior DevOps Engineer* *Nov 2013 - May 2015*
  - Managed the reliability, scalability, and performance of a website with 1000 physical servers, 8 million hits per day, and a petabyte of data.
  - Designed and maintained environment and automation of applications and bare metal infrastructure for two data centers and associated equipment.
  - Wrote and produced technical videos and multimedia documentation.
  - Implemented A/B testing to improve UX.
  
- **Supplemental Health Care** Park City, UT  
*Systems Administrator* *Apr 2012 - Nov 2013*
  - Regulated 35 remote sites, hybrid Windows/Linux collocated server farms and services for 500 users.
  - Reduced server licensing budget by 70% by implementing open source technologies.
  - Automated various processes saving over 8,000 man-hours yearly.
  
- **Thatcher Chemical Company** Salt Lake City, UT  
*Systems Administrator* *Feb 2010 - Apr 2012*
  - Administered infrastructure for a large chemical manufacturing and distribution center.
  - Implemented Incident Management process and application.
  - Designed and implemented a full site conversion from analog/digital PBX telephony to VoIP.
  
- **Areva Nuclear Power** Lynchburg, VA  
*Computer and Network Security Officer* *Jan 2004 - Apr 2006*
  - Acted as primary liaison to regulate IS policies and procedures across the United States, France, Canada, and Germany.
  - Managed information security for over 5000 workstations in North America.
  - Member of global change management board.
  - Wrote and published international company compliance and security standards.

---

## Technical Skills

- Programming Languages: Python, Bash, Visual Basic, Powershell, SQL, Ruby, Java
- Tools and Technologies: AWS, GCP, Azure, Tensorflow, Docker, Ansible, Terraform, Jenkins, CircleCI, Git, OpenCV, Pivotal, Jira, Confluence

---

## Education

- Brigham Young University - Idaho Rexburg, ID  
*A.S. in Mechanical Engineering; Emphasis: Interpersonal Communications* *Dec. 2009*

---

## Volunteer Experience

- The Church of Jesus Christ of Latter-day Saints Long Beach, CA  
*Proselyting and Service Missionary* *Aug 2006 - Aug 2008*
  - Organized and participated in the teaching of church doctrine in English and Spanish.
  - Organized and taught free English classes.