MEGGAN M GREEN | Software Engineer

+1 773 312 0635 | career@meggan.green | English, Español

TECHNICAL SKILLS

Python, Flask, Rails, JavaScript (jQuery), PostgreSQL, Git, GitHub, CircleCI, JupiterOne, Jira, AWS, GCP, Vagrant

RELEVANT EXPERIENCE

Blend Labs, Inc. | **SECURITY COMPLIANCE ENGINEER** **Feb 2022 – Mar 2023**

Ensured financial software products, systems, and processes adhered to applicable quality and regulatory standards, particularly in regards to Personally Identifiable Information (PII)

- Configured pipelines and created dashboards and alerts for new asset management system (JupiterOne)
- Recovered $4,000 and saved thousands more by intervening when alerted to a sudden influx of more than 30,000 AWS SQS assets; initiated a vendor customization for a stop gap; led the root cause investigation
- Conducted regular internal security audits and assessments, including collecting evidence from AWS, the DevOps and Product code bases (GitHub, Terraform), and legacy standalone microservices
- Reduced evidence collection activities by at least 20 hours per quarter by developing Robotic Process Automations (RPAs) to document various policies in practice (Jira, Python)
- Collaborated with regulatory bodies to address queries and submit audit documentation (SOC2, ISO, PCI DSS)
- Wrote and maintained documentation of compliance processes and security assessment results (Confluence)
- Delivered educational sessions for colleagues on general computer security and specific data privacy rules to improve awareness and adherence to security policies

Federal Aviation Administration | **MANAGEMENT AND PROGRAM ANALYST** **Oct 2021 – Feb 2022**

Software Engineer in the Aircraft Safety Certification Compliance and Airworthiness Division (Section AIR-721) of the governmental agency regulating air traffic, craft, and personnel

- Chosen to be part of Agile 5G troubleshooting and ramp-up team (Access, VBA)
- Served as a SME for contractors developing new web-based application for publishing aircraft safety data
- Collaborated with global government partners to publish and distribute daily Airworthiness Directives

Greenkey Technologies | **CUSTOMER ENGINEER** **Mar 2019 – Jun 2019**

Supported on-premise and cloud product deployments with the DevOps team at an AI/NLP startup focused on the financial trading sector

- Eliminated hours of undetected downtime on sales demo deployments by creating a custom GCP Stackdriver metric and automated alerts for Kubernetes clusters (Python)
- Remotely configured and deployed on-premise product for customers in USA and Europe (Docker Swarm)

Checkr, Inc. | **SOFTWARE ENGINEERING INTERN** **Jun 2018 – Aug 2018**

Created a micro-service to empower the legal team to easily modify the logic for hiding or showing entries in employee background checks to ensure local, state, and federal legal compliance

- Designed, developed, tested, and deployed a REST API (Rails, RSpec, CircleCI)
- Collaborated with legal team (non-engineering) to build a dynamic front end for the API (Javascript)

Self-Employed | **FREELANCE WEB DEVELOPER** **Aug 2015 – Aug 2017**

Created websites for individuals and small organizations in English and Spanish

- Developed websites and trained administrators in site management from purchasing a domain and hosting to selecting a platform and theme (WordPress, PHP, JS, HTML/CSS)
- Provided simple instructional documentation as well as extensive training sessions to content managers

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Mondelēz International | **VARIOUS POSITIONS** **Sep 2008 – Jun 2015**

Contractor on Agile Lean/6Sigma Performance Improvement Teams at the world's largest food manufacturer

COMMERCIALIZATION PROCESS SYSTEMS LEAD | with MAP Engineering Jan 2012 – Jun 2015

- Designed, built, and maintained data-retrieval instrument and executive review dashboards for project management database, streamlining the analysis of new-product timelines and expenses (up to US$100MM)
- Authored and managed corporate standard SharePoint CMS sites
- Created and delivered PowerPoint-enhanced trainings to employees and leaders

MANAGEMENT SYSTEMS ANALYST | with MAP Engineering Jan 2011 – Dec 2011

- Reduced time spent on repetitive but necessary plant financial tasks by at least eight hours each week by automating data queries and analyses (Excel/VBA)
- Provided immediate visualization of historical data by adapting bakery production application to use turkey plant's MySQL database
- Created and delivered PowerPoint-enhanced trainings to employees and leaders

TECHNICAL WRITER | with Kelly Engineering Services Sep 2008 – Dec 2010

- Built end-to-end desktop application to record, store, aggregate, and visualize hourly production data; implemented the tool in all USA bakeries following the successful pilot program
- Developed automation to generate throughput and downtime charts for executive summaries, clearing six hours of manager's time weekly
- Traveled to multiple manufacturing plants to write and edit more than 6,000 instructional documents on machine operation in 14 months; included scoping and managing the project with remote and on-site writing teams, gathering information from previous documentation and machine operators, and presenting deliverables to remote and on-site management teams

New Horizons Computer Learning Center, Chicago | **FACILITY MANAGER** **Oct 2006 – Aug 2007**

- Created textbook database to increase efficiency in inventory cycle count, ordering, and receiving (Access)
- Maintained 150 classroom computers; imaged the hard drives with Ghost daily; replaced hardware as needed

Greeley Computer Services | **OFFICE MANAGER AND ASSISTANT TECHNICIAN** **Jun 2004 – Sep 2006**

- Administered internet service and web hosting for 100+ customers, including network troubleshooting
- Built computers, assembling hardware and installing software, to client specifications

University of Northern Colorado | **STUDENT WEB AUTHOR** **Nov 2001 – May 2003**

- Created sites for academic departments and student organizations (HTML, CSS, Dreamweaver, Front Page)
- Converted traditional learning materials to Blackboard online learning system; guided faculty through training

EDUCATION

Hackbright Academy | **SOFTWARE ENGINEERING FELLOWSHIP**

Accelerated, immersive education in full-stack development (Python, Flask, jQuery, PostgreSQL)

University of Northern Colorado | **BA, JOURNALISM & MASS COMMUNICATIONS**

- Colorado Press Association Merit Scholar