

Chad H. Dalton

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SUMMARY

Software Engineer and Team Leader with over 10 years building and leading full-stack agile software teams designing and creating cloud native applications and scaling high-growth SaaS platforms. Over 20 years of experience as an Agile Software Developer, building secure, event-based, API powered, AI-driven applications on AWS and other platforms, and delivering mission-critical infrastructure for globally distributed teams.

EXPERIENCE

Chief Engineer, Seerist | St. Louis, MO | June 2017 – Present

- As the Chief Engineer I performed the duties of a CTO and CISO owning the entire SDLC and security posture for the company and all applications
- Led and Coached an Agile team of over 20 Software Developers, Scrum Masters, QA engineers, and IT personnel building a web-based (SPA), AI/ML powered risk intelligence platform processing millions of news, social media and other content daily utilizing API first design and event-based architecture on AWS in collaboration with Product Owners and UI/UX designers and key stakeholders
- Owned the Roadmap and Technical Backlog ensuring the right stuff was built right
- Scaled company from 6 to nearly 150 employees; implemented global IT infrastructure supporting remote work in over 15 countries using secure endpoints with MDM solutions for MacOS and other devices
- Designed and built an event based, ETL platform enriching millions of pieces of data scraped from the web, API, social media and hundreds of other sources
- Designed and built SaaS authentication and authorization pipeline; implemented enterprise-grade SAML/SSO/SCIM secured email systems with SPF, DKIM and DMARC
- Evolved product from MVP to SaaS platform serving over 10,000 users via web, API and native mobile platforms, regularly reviewed and mitigated security scans
- Built and maintained CI/CD pipeline, ensuring secure automated delivery of tested code using SonarQube to enforce OWASP standards with A ratings on most active repositories and maintaining over 80% test coverage
- Successfully led and achieved SOC2 and ISO 27001 certifications; handled all vendor security questionnaires; implemented security training and simulations

Software Engineer, OGSystems/VIPER Labs | St. Louis, MO | June 2014 - June 2017

- Led various software teams internally as well as for the DoD National Geospatial-Intelligence Agency (NGA). Attained SAFe Agilest (SA) and SAFe Program Consultant (SPC) certifications and trained hundreds of new SAFe Agilest with over a 90% passing rate.
- Designed and built the first MVP for what would become the Seerist Platform
- Wrote winning proposals focusing on modernizing of the federal government IT systems and procurement procedures
- Supervised the transition of mission critical applications in the federal government
- Led several Scrum teams in Agile meetings and coached the developers

Software Engineer - Independent Consultant | St. Louis, MO Jan 2011 – June 2014

- Software Engineer/Web Service Architect on a Booz Allen Hamilton contract supporting the DoD NGA with a Top Secret/SCI Clearance
- Led developers in design and implementation of various GIS and data processing-based web services increasing adoption through the use of open standards
- Scrum of Scrum Master for five Scrum development teams. Facilitated daily standups, bimonthly sprint planning meetings and release demos/retrospectives
- Attained Scrum Master certification and helped implement Agile/Scrum in the DoD
- Led integration of GOTS and COTS software and tools to create new capabilities, merging some and replacing others, reducing overhead costs and redundant applications

Software Engineer - Lockheed Martin | St. Louis, MO | Nov 2007 – Jan 2011

- Designed and built a high performant event-based messaging application using Open-Source software processing millions of geospatial data and reports daily that was used in the support of natural disasters such as DEEPWATER HORIZON
- Developed interoperable layers for COTS/GOTS software to transform siloed data into open standards for use by the Intelligence Community analyst and developers

Software Engineer, Lockheed Martin | Hanover, MD | July 2002 - Nov 2007

- Contractor supporting the DoD National Security Agency (NSA) where I Designed and built a globally distributed web-service based scheduling system synchronizing multiple satellite offices around the globe so they could share data reducing duplicative efforts or missed requirements and increasing efficiency in the government

TECHNICAL SKILLS

Node.js, Javascript, Python, Java, bash, fish, Git, REST API, SOAP, Web Services, SAML, Docker, Full Stack Software Development, Microservices, Amazon Web Services (EC2, S3, OpenSearch/ElasticSearch, Lambda, Step Functions, RDS, ECS/Fargate, SQS, SNS, and more), Agile/Lean, Scrum/Kanban, Test Driven Development (TDD), OWASP, DevOps, CI/CD, Atlassian Suite Administration (Jira, Jira Operations, formally OpsGenie, Confluence, Bamboo, BitBucket) SonarQube, Sonatype Nexus, Auth0, SendGrid, Tailscale, DataDog, PostGIS, MySQL, Mosyle MDM, Azure AD/Entra, ActiveMQ, Open Geospatial Consortium standards, WebLogic, Tomcat, ActiveMQ, Oracle, ERDAS Apollo, ArcGIS Server, SAFe Agile, .Net

EDUCATION

Bachelor of Science, Computer Science, James Madison University | 2002

Dual Concentration in Network and Data Communications and Information Technology