Chris Harley

Engineering Manager | chris@harleybrewing.com | 216-255-7179 | https://www.linkedin.com/in/chris-harley/

PROFESSIONAL SUMMARY

Experienced **Engineering Manager** with a demonstrated history in leading cross-functional teams and driving product development in the medical imaging industry. Skilled in Agile Methodologies, Strategic Planning, and Software Architecture Design, with a strong technical background.

CAREER SUMMARY

- Managed and mentored cross-functional scrum teams with up to 20 direct reports across diverse roles including software engineers, test engineers, project managers, product owners, and scrum masters. Led the development of advanced visualization platform services for medical imaging.
- Oversaw a $1.2M contract with an offshore QA team. Ensured clear communication and set achievement targets to ensure project success. Identified performance issues, made the strategic decision to cancel the contract and transition the work back in-house
- Initiated the redesign of an audit logging service by pinpointing maintenance and scalability issues. The implemented changes reduced annual maintenance time by over 90%, saved more than 8 person-months per year, and sped up feature release cycles by removing inter-service dependencies.
- Architected, designed, and deployed a cloud-based observability platform using Elastic Cloud. This platform monitored application health and usage for on-prem applications deployed at customer locations across the globe, enabling proactive service and support engagement.
- Supported the company through an organizational split by transitioning key team members to new roles, ensuring the completion of ongoing projects, and minimizing disruption to operations.

PROFESSIONAL EXPERIENCE

Engineering Manager

Code42 | 2021 - 2023

- Successfully managed multiple scrum teams during a critical company split, supporting the transition from a profit-oriented business to a growth-oriented startup.
- Provided expert guidance to the team in the development of REST API standards, steering them towards a low-maintenance approach to generating Open API Spec from Jersey and Spring code.
- Took the initiative to lead the redesign of an audit logging service, resulting in a significant reduction of 9-person months in annual maintenance effort. This freed up valuable team capacity to prioritize customer-driven initiatives.
- Implemented team status dashboards to enhance communication and coordination with product management and executive leadership, improving overall visibility and alignment
- Developed a comprehensive product development strategy to evolve our partner integration ecosystem. This allowed partners to seamlessly integrate with our products using RESTful APIs and Python client libraries.

Engineering Manager / Principal Engineer

Canon Medical (formerly Vital Images) | 2019 - 2021

- Led the Solution Health team, developing a cloud-based observability platform using Elastic technologies to actively monitor the health and usage of Vital applications, enhancing proactive service and support engagement.
- Conducted thorough research on available software, technologies, and deployment strategies. Based on the business's readiness, strategically selected Elastic Cloud SaaS as the application monitoring platform for Vital.
- Established change control and developed version management software to treat configuration as code and deploy changes to Elasticsearch and Kibana via their RESTful APIs. Deployments of clusters are now reliable and repeatable.

Manager, Software Development

Canon Medical (formerly Vital Images) | 2014 - 2019

- Demonstrated technical leadership across multiple scrum teams, driving the development of a cutting-edge platform for advanced visualization in medical imaging.
- Successfully managed and mentored a high-performing team of 20 direct reports in cross-functional scrum teams, comprising product owners, architects, scrum masters, developers, and testers, while ensuring seamless collaboration and delivering impactful results.
- Served as the key point of contact for an offshore team of 15 Test and Automation Engineers, adeptly handling relationship management, contract administration, and task assignments to maximize productivity and project success.
- Directed the development and commercial release of a software platform that provides common functionality to clinical applications created

by teams across Vital and Canon Medical Systems.

- Spearheaded the transformation of engineering practices from component-focused teams to full-stack development teams, fostering improved cross-functional communication and collaboration.
- Led a high-performing team in the development of a browser-based medical imaging viewer, setting clear priorities, upholding design and quality standards, and ensuring timely project completion.

Senior Software Engineer

Canon Medical (formerly Vital Images) | 2012 - 2014

- Architected and developed a high-performance RESTful web services application using Java and the Spring Framework, delivering a robust and scalable solution to meet complex business requirements.
- Collaborated with an offsite team member on a mission-critical project to enhance the core product with DICOM STOW functionality. Provided expert guidance, conducted comprehensive code reviews, and integrated the solution, ensuring a seamless user experience and elevating the product's capabilities.

Senior Software Engineer

Medtronic | 2009 - 2012

- Led a team of software engineers tasked with developing and maintaining a web application that gathers data from insulin pumps and glucose sensors to help patients and physicians make better therapy management decisions; responsibilities included assigning tasks, ensuring design and quality goals were met, and coordinating with other teams during project planning activities.
- Drove decision to combine several implementations of device reading software used by multiple related products into a single implementation; significantly reduced cost of product and software updates and increased software reuse in new products

Software Engineer

Codonics | 2002 - 2009

- Served as Software Co-op Program Supervisor; promoted company at local college campuses, interviewed and selected software engineering students for hire, and assigned/oversaw their projects. This program received the Distinguished Employer Award from the Ohio Cooperative Education Association for the high quality of the co-op program
- Designed a patient reporting interface with HL7 and DICOM connectivity that enables the system to provide multiple output formats including html, pdf, and rtf
- Managed a project to expand capability, features and functionality of the core Horizon imaging product, creating an industry elite 51-inch film imaging solution

EDUCATION AND AWARDS

- BS, Computer Science - Case Western Reserve University
- Distinguished Employer Award from the Ohio Cooperative Education Association
- Dionysus Award for Outstanding Contribution to Theatre by a Non-Major
- Eagle Scout Award

SKILLS

Leadership and Management Skills: Strategic Leadership, Team Building, Mentoring, Agile Methodologies, Process Improvement, Performance Management, Strategic Planning, Product Management, Project Management, Decision-Making, Change Management, Conflict Resolution, Resource Allocation, Budget Management, Risk Management, Vendor Management

Technical Skills: Java, Spring, Groovy, Gradle, Python, C++, DICOM, HL7, REST, Hibernate, SQL, HTML, CSS, JavaScript, Elasticsearch, Kibana, Logstash, (Windows, Linux, MacOS)

Communication and Collaboration Skills: Excellent Verbal and Written Communication, Problem-Solving, Team Management, Collaboration