

Dennis Gotto

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✉ Innovative Healthcare / SAAS IT Leader | 19 Years of Transformative Experience ✉ Diverse IT management skill set in software engineering, project management, and user experience. My background includes expertise in software engineering, quality management, site reliability and modern SAAS product development and support. I have led initiatives to enhance patient engagement and streamline processes, while also managing global mobile management solutions and fostering strong vendor relationships. My passion lies in leveraging technology to drive innovation and a continual focus on quality improvement.

WORK EXPERIENCE

Imprivata **09/2023 – Present**
Manager of Mobile Engineering **Waltham, Massachusetts, United States**
Boston Children's Hospital **06/2020 – 05/2023**
Director of IT Quality Management and User Experience

- Developed and implemented a Site Reliability Quality Program leveraging JIRA ITSM, ITIL and Quality Metrics
- Established an Incident Management program for the enterprise focusing on industry standard metrics and RCA methodologies based on Lean Six Sigma
- Provided strategic oversight of the Quality Assurance Team, focusing on Automation and Governance
- Established a new UX/UI team, spearheading the revitalization of the clinical applications' UX/UI framework using React and Java . Led the team in conducting comprehensive user research, prototyping, and iterative design.
- Developed and organized a strategic partnership between the hospital's Lean Six Sigma program and IT Department
- Established and led a high-performing Enterprise Communications Team, enhancing internal and external communication channels, fostering collaboration, and ensuring streamlined messaging across all stakeholders.
- Co-lead for the Networking and Career Development Sub-Committee for the Black & African American and Allies Employee Resource Group

independant **10/2005 – 08/2020**
Software Engineering Consultant

- Current Clientele: Ceeyla
- Developing a cloud hosted scala web application for an upcoming novel project.
- Past Clientele: Boston Children's Hospital, Perkins School for the Blind, The Boston Retinal Implant Project, Massachusetts Eye and Ear Infirmary, Department of Veteran Affairs, Titan Consulting, The People Alone.org, Legend Publishing
- Produced and directed video segments for educational training modules
- Developed mobile android and iOS applications
- Developed interactive multimedia presentations for the internet
- Developed and optimized websites for compliance with W3C and Section 508 Accessibility Validations
- Represented corporate ideals and mission at international conferences

Boston Children's Hospital **09/2004 – 06/2020**
Manager of Software Engineering, Clinical Applications **Greater Boston Area**

- Successfully managed 2 teams of software engineers in the development of clinical applications utilizing Java and Spring MVC, ensuring timely delivery of high-quality software solutions.
- Led the design and architecture of complex software systems, employing Java and Spring MVC frameworks to build scalable and robust clinical applications.

- Implemented agile methodologies and fostered a collaborative environment, resulting in increased team productivity and efficient software development processes.
- Collaborated closely with cross-functional teams, including product managers and clinicians, to gather requirements, prioritize features, and deliver tailored software solutions that met the needs of healthcare professionals.
- Oversaw the full software development lifecycle, from initial concept to deployment and maintenance, ensuring adherence to coding standards, best practices, and regulatory requirements.
- Implemented continuous integration and deployment practices, leveraging tools such as Bamboo and Git, to streamline the software delivery pipeline and enhance overall efficiency.
- Stayed abreast of industry trends and emerging technologies, evaluating their potential applications and recommending innovative approaches to improve software development processes and outcomes.

Software Engineering Team Leader – Clinical & Discern Systems

Greater Boston Area

- Led a high-performing software engineering team focused on developing and maintaining clinical applications and Cerner Discern Systems, ensuring seamless integration and optimal performance.
- Oversaw the entire software development lifecycle, from requirements gathering and design to coding, testing, and deployment, ensuring adherence to project timelines and quality standards.
- Implemented agile methodologies, such as Scrum, to enhance team collaboration, promote iterative development, and deliver high-quality software solutions on time and within budget.
- Provided technical leadership and guidance to team members, fostering a culture of continuous learning, innovation, and professional growth.
- Implemented and maintained coding standards, version control, and release management processes to ensure consistency and stability of software deliverables.
- Monitored and evaluated software engineering metrics, such as productivity and quality, and implemented strategies to optimize team performance and efficiency.

Software Engineer – Clinical Applications

- Developed and maintained critical clinical applications for Boston Children's Hospital, leveraging Java and Spring frameworks to ensure efficient and reliable healthcare workflows.
- Collaborated with a multidisciplinary team of clinicians, product managers, and software engineers to gather requirements and translate them into robust software solutions that improved patient care and operational efficiency.
- Designed and implemented scalable software architectures using Java and Spring, ensuring high performance and seamless integration with existing systems and data sources.
- Developed an HTML / AJAX framework for clinical applications using Cerner MPage technology
- Led the development of features and enhancements, following best practices in software engineering, including test-driven development, code reviews, and continuous integration.
- Participated in the MPages Commons initiative along with hospitals across the country to develop a standard framework for developing Mpages
- Awarded FastTrack Innovation in Technology Award grant for design of the GPU Occupancy Tracker Project
- Chaired the Information Systems Steering Group for the Gastroenterology Procedure Unit.

Software Engineer – Research / Genomics

- Developed and maintained software solutions for research and genomics projects at Boston Children's Hospital, utilizing PHP and the LAMP (Linux, Apache, MySQL, PHP) stack.
- Collaborated closely with researchers, bioinformaticians, and scientists to understand project requirements and translate them into efficient and scalable software applications.
- Designed and implemented data-driven web applications, databases, and APIs using PHP, MySQL, and related technologies, facilitating data analysis and visualization for genomics research.
- Utilized best practices in software engineering, including version control, code documentation, and unit testing, to ensure the reliability, maintainability, and performance of developed software.

- Worked in interdisciplinary teams to integrate diverse data sources, such as genomic data, electronic health records, and external APIs, into cohesive software solutions for research purposes.
- Participated in the analysis and optimization of algorithms and workflows, contributing to the development of computational methods for genomic analysis and interpretation.

EDUCATION

Executive Certificate in Management and Leadership

MIT Sloan School of Management

BFAVC

Endicott College

Certificate in Java, AJAX

University of Illinois Office of Continuing Education (O'Reilly School of Technology)

CERTIFICATIONS

Threat Modeling: Denial of Service and Expansion of Authority LinkedIn	03/2025 - Present
Threat Modeling: Information Disclosure in Depth LinkedIn	03/2025 - Present
Threat Modeling: Repudiation in Depth LinkedIn	03/2025 - Present
Threat Modeling: Tampering in Depth LinkedIn	03/2025 - Present
Learning Threat Modeling for Security Professionals LinkedIn	02/2025 - Present
Threat Modeling: Spoofing In Depth LinkedIn	02/2025 - Present
CSSLP Cert Prep: 1 Secure Software Concepts LinkedIn	03/2024 - Present
CSSLP Cert Prep: 3 Secure Software Design LinkedIn	03/2024 - Present
CSSLP Cert Prep: 4 Secure Software Implementation LinkedIn	03/2024 - Present
CSSLP Cert Prep: 5 Secure Software Testing LinkedIn	03/2024 - Present
CSSLP Cert Prep: 6 Secure Lifecycle Management LinkedIn	03/2024 - Present
CSSLP Cert Prep: 7 Software Deployment, Operations, and Maintenance LinkedIn	03/2024 - Present
CSSLP Cert Prep: 8 Supply Chain and Software Acquisition LinkedIn	03/2024 - Present
CSSLP Cert Prep: The Basics LinkedIn	03/2024 - Present
AWS Knowledge: Cloud Essentials Amazon Web Services (AWS)	07/2023 - Present
ITIL Foundation Level AXELOS Global Best Practice	08/2022 - Present

Executive Certificate in Management and Leadership MIT Sloan School of Management	11/2021 – Present
Persuading with Data MIT Sloan School of Management	11/2021 – Present
Lean Six Sigma Green Belt (ICGB) Boston Children's Hospital	10/2021 – Present
APPLIED BUSINESS ANALYTICS MIT Sloan Executive Education	07/2020 – Present

AWARDS & SCHOLARSHIPS

Hero of the Heart The BCH Chaplaincy	09/2015
Children's Hospital Boston Fasttrack Innovation in Technology Award Boston Children's Hospital	01/2010

PUBLICATIONS

Outcomes of Percutaneous Endoscopic Gastrostomy (PEG) tube placement in small infants Digestive Disease Week Conference 2011	01/2011
Long-term major complications in children undergoing PEG tube placement Digestive Disease Week Conference 2011	01/2011
DEVELOPMENT OF A NOVEL TOOL TO CREATE WEB-BASED ALGORITHMS Harvard Medical School Academy Publication, 6th Annual Medical Education Day	01/2007
Boston Retinal Implant Project: An Accessible Web-Based Educational Resource Invest. Ophthalmol. Vis. Sci. 2007 48:	01/2007
An Online Interactive Educational Resource to Assist the Development of Visually Impaired Students Through Online Resources Invest. Ophthalmol. Vis. Sci. 2007 48:	01/2007
Open Care System: An Electronic Resource to Facilitate Managed Eye Care Invest. Ophthalmol. Vis. Sci. 2006 47:	01/2006
E-Collaborative: An Electronic Resource to Facilitate Communication among Parents, Teachers and Doctors Invest. Ophthalmol. Vis. Sci. 2006 47:	01/2006
Assisting the Development of Visually Impaired Students Through Online Resources (ADVISOR) Invest. Ophthalmol. Vis. Sci. 2005 46	01/2005
COMPLICATION RATES DURING PEDIATRIC ENDOSCOPY AS A PROVIDER-LEVEL MEASURE OF QUALITY TBD	

SKILLS

Amazon Web Services (AWS), Automation, Business Process Improvement, Cloud Computing, Corporate Communications, Data Analytics, Engineering Management, Front-End Development, Heroku, Lean Six Sigma, Logo Design, Mobile Applications, Programming, Quality Management, Reporting & Analysis, Salesforce Lightning, Scala, Strategic Communications, Test-Driven Development, User Experience (UX)