

# Jake Lovitz

## Software Developer in Test

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SDET/QA Engineer with over 5 years of experience improving SDLC processes, testing efficacy, and regulatory compliance. Skilled in JavaScript, React, Python, Docker, Swagger, Postman, and SQL, with a strong aptitude for technical communication.

### WORK EXPERIENCE

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#### Software Engineer In Test

##### Senior QA Engineer

##### QA Engineer

Flatiron Health, New York, NY

August 2023 – Present

March 2021 – August 2023

May 2020 – March 2021

- Managed the automated test suite, integrating it with CI/CD pipelines using TeamCity, Docker, Ansible, and Terraform, enabling seamless testing and deployment for 50+ developers.
- Spearheaded the implementation of a Page Object Model system when rolling out a new Playwright framework, resulting in more efficient and maintainable UI automation.
- Established and enforced company standards for test automation, ensuring consistency and quality across unit, data access, endpoint, and UI tests, which improved overall test reliability and efficiency.
- Acted as a subject matter expert in testing methodologies and Flatiron's EHR, OncoEMR, serving as a primary resource for numerous critical patient safety areas: ePrescribing, Interaction Checking, Dose Calculation, Lifetime Doses, Lab Results, Order Entry, and Regimen Management
- Collaborated with clinicians, engineers, product managers, designers, and support staff to maintain KLAS' top-ranked ambulatory oncology solution, serving thousands of MDs and millions of patients.
- Prepared and participated in incident investigations and post-mortems, identifying root causes of issues and implementing corrective actions.
- Managed and led products through rigorous multi-round certification processes with third parties, ensuring compliance with industry standards and readiness for market release.
- Designed, maintained, and ran quarterly regulatory test suites (up to 15 application-spanning tests) to demonstrate compliance with shifting regulatory requirements.
- Served as the primary testing and product quality resource for our product's largest software engineering team (7+), developing across the application stack with C#, VB, JavaScript, React, and SQL.
- Piloted the use of JMeter and LoadRunner to ensure application scalability and reliability and wrote Socratic documentation to scale adaptation across the organization.
- Conducted thorough reviews of test automation code from 5+ development teams, representing the entirety of a multifaceted EHR.

#### QA Engineer

Digital Pulp, New York, NY

October 2019 – March 2020

- Conducted cross-platform testing, debugging, and design review for Chrome, Firefox, Safari, and Edge on various OS and devices, using JIRA for issue tracking.
- Authored detailed technical reports to facilitate effective bug fixes.
- Collaborated with clients, developers, and project managers to ensure software met organizational needs
- Created comprehensive user guides and led training sessions for client navigation of a multifaceted CMS.

#### Software Tester

Epic, Verona, WI

June 2015 – June 2017

- Performed manual testing and documented comprehensive, reproducible test plans.
- Designed and led customer feedback sessions to align product requirements with engineering teams
- Collaborated with testers on other teams to prevent unintended consequences in shared code.
- Provided on-site support and training for clinicians using Epic software.