



# VERACODE

## Azalea Health Empowers Its Software Developers to Code More Securely

Cloud-native developer of electronic health records technology strengthens application security while boosting engineering efficiency with Veracode Continuous Software Security Platform™



### Company

Azalea Health Innovations

### Industry

Healthcare

### Location

Atlanta, Georgia, United States

### Veracode Products

Veracode Static Analysis (SAST)

eLearning

Veracode Verified

## Executive Summary

**Azalea Health** is on a mission to help underserved healthcare providers improve patient care and profitability. Their approach? Provide a portfolio of cloud-based healthcare management solutions, including an electronic health records platform, billing services, telehealth, and consulting. Nathan Shepard, Azalea's vice president of product, explains, "Our healthcare customers want a way to manage the patient record in one place, even if patients come in at different times for different services."

The company answered that call by developing cloud-native solutions designed to truly simplify patient care and service for physicians and administrators. However, being in the cloud heightened security concerns for hosted health records and personal information. Partnering with Veracode, Azalea built a robust software security program integrated early in the software development life cycle (SDLC). The result is more secure, higher-quality applications and greater customer confidence in Azalea's solutions.

## Challenge

### Meeting heightened security demands in the cloud

Azalea's cloud solutions make modern healthcare management services more accessible to providers but also demand greater attention to security to protect private information and ensure regulatory compliance.

"Even though we were very diligent about performing penetration tests on a regular basis, we wanted a way to catch issues even earlier in the development process—before they got to our staging servers," Shepard points out. "We also wanted a way to make it easier for our engineers to identify issues and correct them faster."

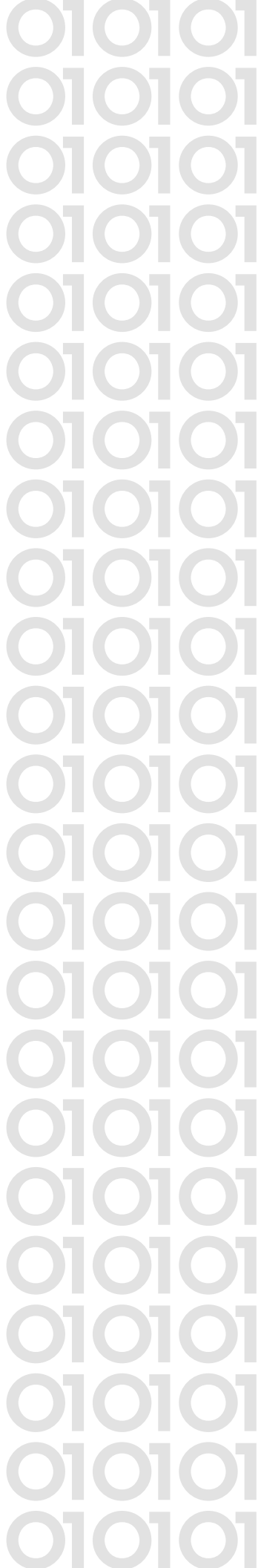
Andrew McCall, vice president of engineering at Azalea Health, notes, "The biggest obstacle to building security into our workflows is that



**“ We chose Veracode because it was the easiest and best solution when it comes to integrating into our existing processes.”**

**Andrew McCall**

Vice President of Engineering,  
Azalea Health Innovations



developers will treat security as just a checkbox. But security is an ongoing process and has to be top of mind throughout the software development life cycle.”

To bolster its security initiatives, Azalea needed a comprehensive software security solution that integrated seamlessly into its existing development pipelines. Also key was having easy-to-consume training resources and systems to accelerate developer adoption and enable the company’s software engineers to address security issues earlier in the SLDC.

Humberto Ontiveros Garcia, junior quality assurance engineer at Azalea Health, says, “We don’t want to be reacting to incidents, we want to be proactive and build security steps into software development to better protect our customers.”

## **Solution**

### **Integrate Veracode Software Security Platform seamlessly into the SDLC**

Following due diligence, Azalea evaluated application security solutions from four vendors, ultimately selecting Veracode—a nine-time Leader in the Gartner Magic Quadrant Application Security Testing category.

McCall says, “We chose Veracode because it was the easiest and best solution when it comes to integrating into our existing processes.”

#### **The decision criteria spanned four key points:**

- Seamless integration with Azalea’s cloud infrastructure,
- Support for the development languages used by Azalea’s software engineers,
- Veracode eLearning and Security Labs, which help engineers design better code from the outset, and
- Low number of false positives returned by Veracode compared to competitors during the proof of concept.

With its decision made, Azalea Health quickly moved forward with implementing the Veracode Continuous Software Security Platform™ and ramping up a robust application security program across its product portfolio.

Shepard recalls the experience: “When we started our implementation, the Veracode team worked alongside us and helped establish scanning on our first repository very quickly. Based on that template, we were able to iteratively roll out the scanning to our other repositories. And over the course of just a few weeks, we were able to scan everything in the Azalea code base using Veracode.”

McCall adds, “Implementation was very seamless. We were able to do a scan output to the Veracode platform and have the results there without any manual effort.”

## Outcomes of Azalea Health Innovations AppSec Achievements

- Minimized the number of false positives, improving developer productivity and efficiency
- Reduced the amount of time required for debugging software, increasing developer adoption
- Elevated developers' security awareness and skills, improving software security and quality
- Strengthened customer confidence and trust in Azalea's cloud-based healthcare solutions



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**Nathan Shepard**

Vice President of Product,  
Azalea Health Innovations

In addition to core platform products such as Veracode Static Analysis, Azalea also takes advantage of Veracode eLearning and Security Labs to help its software engineers continually build their software security skills and competency. Additionally, Azalea Health participates in the Veracode Verified program to validate its practices and further strengthen its overall security posture.

## Results

### Greater developer adoption, more secure applications

Since deploying Veracode, Azalea Health's software engineers no longer waste time chasing false positives. Instead, they can focus on the code issues that genuinely require attention, helping to improve development productivity and efficiency.

“The accuracy of the Veracode scans is very impressive,” McCall remarks.

Because the Veracode platform integrates seamlessly into existing workflows, developers enjoy a frictionless experience, boosting adoption by making it easier to find and fix software flaws. Garcia says, “Using Veracode, we're able to review new flaws found in our different applications and determine which ones take priority. Having Veracode greatly reduces the time we spend on debugging.”

Shepard points out that having the Veracode Verified “seal of approval” is another valued benefit in terms of building trust and confidence among Azalea's healthcare customers. “Azalea Health established this partnership with Veracode to ensure we're always delivering the most secure software possible for our clients. Participating in the Veracode Verified program provides objective evidence for our customers and our cyber insurers that we are trustworthy and stand behind our commitment to maintain security best practices.”

As Azalea Health continues to build and strengthen its application security program, Veracode eLearning and Security Labs play a vital role in building greater security awareness and strategies to empower the company's software engineers to code more securely. Garcia concludes, “Veracode helps open up the eyes of our engineers so they can see that it's not just about writing code, it's writing secure code.”

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Veracode is the leading AppSec partner for creating secure software, reducing the risk of security breach, and increasing security and development teams' productivity. As a result, companies using Veracode can move their business, and the world, forward. With its combination of process automation, integrations, speed, and responsiveness, Veracode helps companies get accurate and reliable results to focus their efforts on fixing, not just finding, potential vulnerabilities.

Veracode serves thousands of customers worldwide across a wide range of industries. The Veracode solution has assessed more than 53 trillion lines of code and helped companies fix more than 71 million security flaws.

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