BOSTON APPLICATION SECURITY CONFERENCE

The bearer of this certificate attended the following presentation on **Saturday, April 5, 2025, from 11:00 AM to 11:25 AM** at the Microsoft Technology Center, 5 Wayside Road, Burlington, MA 01803.

TALK - Hunting Path Traversal in Open Source: Fix>Find – Nishant Jain
Agenda: Ever wonder if path traversal bugs are a thing of the past? In this talk, we'll see how one advisory led me to discover multiple vulnerabilities across various open-source projects. I'll walk through how I tested both unprotected and "defended" systems, collaborated with maintainers on fixes, sometimes even writing them, and uncovered issues with weak sanitizers. Expect practical tips, lessons learned, and ideas for better security reporting so you can spot and fix path traversal flaws before they become major issues.

Formatting for the talk would be as follows:
1. Why Path Traversal Still Matters: Brief look at ongoing threats and OSS security gaps.
2. Discovering Real Vulnerabilities: Quick case studies of path traversal bugs in popular open-source software that I found and also helped fix them. (Fix>>Find)
3. Lessons from "Defended" Systems: How built-in sanitizers failed and how bypasses were found in more OSS projects.
4. Fuzzing & Patching: A snapshot of methods used to break sanitizers and collaborate on fixes.
5. Gaps in Reporting: Barriers to disclosure and the need for better security features.
6. Practical Takeaways: Actionable tips for developers, maintainers, and the community. Wrap-Up & Q&A Final insights and open discussion.

Please retain this certificate as evidence of your attendance at this presentation and submit a claim for **ONE CPE CREDIT** in accordance with the guidelines of your certifying organization.