## Carnegie Mellon University Software Engineering Institute

#### DEVSECOPS DAYS 2021 | LOS ANGELES





# Welcome

**September 15, 2021** 

Hasan Yasar

Software Engineering Institute Carnegie Mellon University Pittsburgh PA 15213



Copyright 2021 Carnegie Mellon University.

This material is based upon work funded and supported by the Department of Defense under Contract No. FA8702-15-D-0002 with Carnegie Mellon University for the operation of the Software Engineering Institute, a federally funded research and development center.

The view, opinions, and/or findings contained in this material are those of the author(s) and should not be construed as an official Government position, policy, or decision, unless designated by other documentation.

NO WARRANTY. THIS CARNEGIE MELLON UNIVERSITY AND SOFTWARE ENGINEERING INSTITUTE MATERIAL IS FURNISHED ON AN "AS-IS" BASIS. CARNEGIE MELLON UNIVERSITY MAKES NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, AS TO ANY MATTER INCLUDING, BUT NOT LIMITED TO, WARRANTY OF FITNESS FOR PURPOSE OR MERCHANTABILITY, EXCLUSIVITY, OR RESULTS OBTAINED FROM USE OF THE MATERIAL. CARNEGIE MELLON UNIVERSITY DOES NOT MAKE ANY WARRANTY OF ANY KIND WITH RESPECT TO FREEDOM FROM PATENT, TRADEMARK, OR COPYRIGHT INFRINGEMENT.

[DISTRIBUTION STATEMENT A] This material has been approved for public release and unlimited distribution. Please see Copyright notice for non-US Government use and distribution.

This material may be reproduced in its entirety, without modification, and freely distributed in written or electronic form without requesting formal permission. Permission is required for any other use. Requests for permission should be directed to the Software Engineering Institute at permission@sei.cmu.edu.

Carnegie Mellon® is registered in the U.S. Patent and Trademark Office by Carnegie Mellon University.

DM21-0799











## DevSecOps Days Los Angeles



## We are the DevSecOps Community

- <u>DevSecOpsDays.com</u>, the central hub
- Our purpose is to support DevSecOps practitioners like you who deserve more exposure and encouragement for the work you are doing



## How to Participate and Ask Questions



- Live Session at SEI YouTube channel
- YouTube Chat
  - Live session chat
  - Add your questions for the speakers here
- If you have questions for a particular speaker, email <a href="mailto:info@sei.cmu.edu">info@sei.cmu.edu</a> with your question and the speaker's name. We will route it to the speaker for you.



## Schedule: Morning





Time	Session
9:00 A.M.	Welcome, Hasan Yasar
9:15 A.M.	Stay Ahead of the Game: Automate your Threat Hunting Workflows, Christopher Van Der Made
9:45 A.M.	Short Break
9:55 A.M.	Implementing Policy as Code through Open Policy Agent, Marudhamaran Gusasekaran
10:25 A.M.	Short Break
10:35 A.M.	Secrets in Kubernetes Across Cloud, Jhonnatan Gil Chaves
11:05 A.M.	Short Break
11:15 A.M.	Service Mess to Service Mesh, Rob Richardson
11:45 A.M.	Short Break
11:55 A.M.	A Security-First Approach to Product Innovation, Frank Macreery

## Schedule: Afternoon



Time	Session
12:25 P.M.	Lunch Break
12:45 P.M.	Keynote: DevSecOps; More than Just Pipelines, Tanya Janca
1:30 P.M.	Short Break
1:40 P.M.	Enhance AppSec Maturity and Outcomes Using DevSecOps Metrics, Suresh Chandra Bose Ganesh Bose
2:10 P.M.	Short Break
2:20 P.M.	Achieving Continuous Compliance in DevOps Programs, Arun Prabhakar
2:50 P.M.	Wrap Up, Hasan Yasar



#### Welcome: Hasan Yasar





HASAN YASAR is the Technical Director of the Continuous Deployment of Capability directorate at the Software Engineering Institute, CMU.

Hasan leads an engineering group to enable, accelerate and assure transformation at the speed of relevance by leveraging DevSecOps, Agile, Lean AI/ML, and other emerging technologies to create a Smart Software Platform/Pipeline.

Hasan has more than 25 years' experience as a senior security engineer, software engineer, software architect, and manager in all phases of secure software development and information modeling processes. He is also an adjunct faculty member in the CMU Heinz College and Institute of Software Research where he currently teaches "Software and Security" and "DevOps: Engineering for Deployment and Operations."

## Keynote: Tanya Janca, We Hack Purple, CEO and Founder





Tanya Janca, also known as SheHacksPurple, is the best-selling author of 'Alice and Bob Learn Application Security.' She is also the founder of We Hack Purple, an online learning academy, community, and podcast that revolves around teaching everyone to create secure software.

Tanya has been coding and working in IT for over twenty years, won countless awards, and has been everywhere from startups to public service to tech giants (Microsoft, Adobe, & Nokia).

She has worn many hats; startup founder, pentester, CISO, AppSec Engineer, and software developer. She is an award-winning public speaker, active blogger & streamer, and has delivered hundreds of talks and trainings on 6 continents. She values diversity, inclusion, and kindness, which shines through in her countless initiatives.

DevSecOps Days 2021 LA © 2021 Carnegie Mellon University

## Speakers







#### **Session Moderators**







## 2021 DevSecOps Days



















# 24 Hours 180 Speakers Free Online

The world's largest DevOps conference is set for our 6th annual gathering on October 28th, 2021.



#### For More Information



- DevOps:
- https://www.sei.cmu.edu/go/devops
- DevSecOps Blog:
- https://insights.sei.cmu.edu/devops
- Webinars:
   <a href="https://www.sei.cmu.edu/publications/webinars/index.cfm">https://www.sei.cmu.edu/publications/webinars/index.cfm</a>
- Podcasts:
   <a href="https://www.sei.cmu.edu/publications/podcasts/index.cfm">https://www.sei.cmu.edu/publications/podcasts/index.cfm</a>
- DevSecOps Days Website: https://resources.sei.cmu.edu/news-events/events/devsecops/



## Thank You!

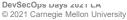


# Carnegie Mellon University

Software Engineering Institute







#### **Contact Information**



#### **Hasan Yasar**

Technical Director,

Continuous Deployment of Capability

Telephone: +1 412.268.9219

Email: <u>hyasar@sei.cmu.edu</u>

