



**Starting Soon**

**LIVE  
PRIZE  
DRAW**

**4th**

developer nation  
Virtual Meetup

**Behind the Code**  
Org Challenges, DORA  
Metrics & the AI Effect

**26, JUNE 2025**

 **15:30, UK time**



DN Custom Keychron  
Mechanical Keyboard

**/DATA**

# House Keeping

- Please change your screen names to exactly what you used on meetup sign up page
- **Keep your microphones off during all time except during QnA if you want to ask any question or make a comment**
- To be eligible for giveaway stay till the very end
- This meetup will be recorded and shared on Developer Nation channels, so if you're not comfortable showing your face please keep the camera off.
- Code of Conduct : <https://developernation.net/code-of-conduct/>

# Agenda

- Welcome and intro to the DN community
- **Behind the Code: Org Challenges, DORA Metrics & the AI Effect** - Insights from the State of Developer Nation report : by Liam Bollmann-Dodd
- Community Updates
- About the 30th Developer Nation survey and chance to win Keychron Keyboard



# Talk #1

**4** developer nation  
Virtual Meetup  
**26, JUNE 2025**



STATE  
OF THE  
DEVELOPER  
NATION

**29<sup>TH</sup>**  
EDITION



# USAGE OF AI ASSISTANCE BETWEEN DORA PERFORMANCE GROUPS

Exploring GenAI usage between delivery  
performance groups

/DATA

MAY 2025



## Liam Bollmann - Dodd

### *Senior Market Research Consultant*

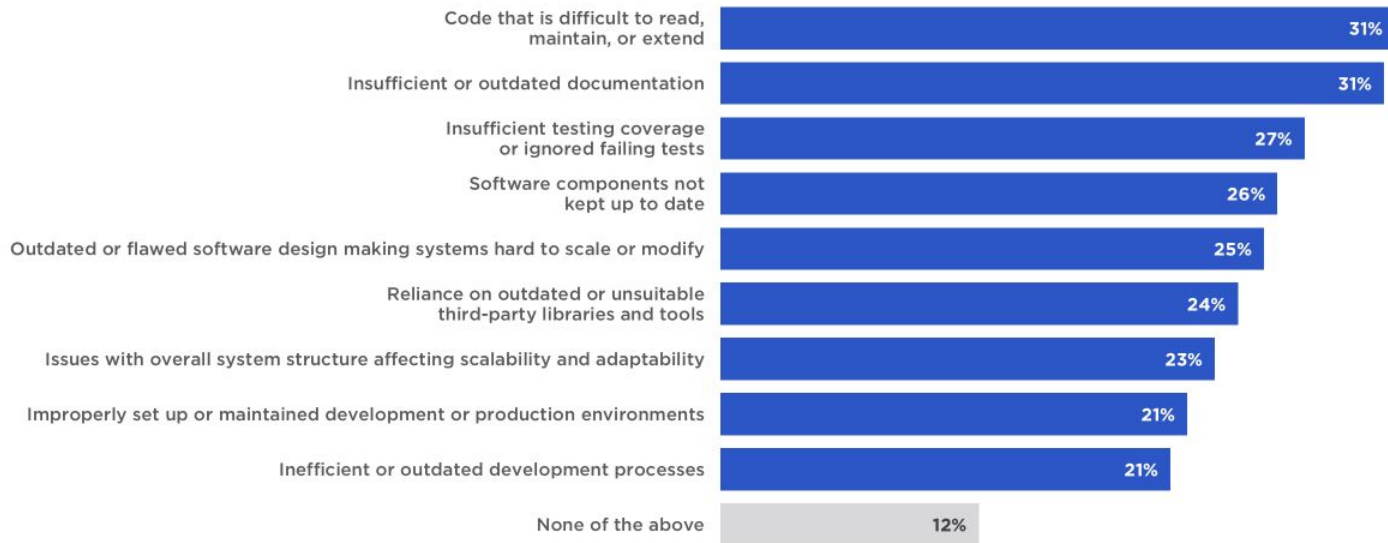
Liam is a former experimental antimatter physicist, and he obtained a PhD in Physics while working at CERN. He is interested in the changing landscape of cloud development, cybersecurity, and the relationship between technological developments and their impact on society.



liam.dodd@slashdata.co

## Challenges organisations face in software development projects

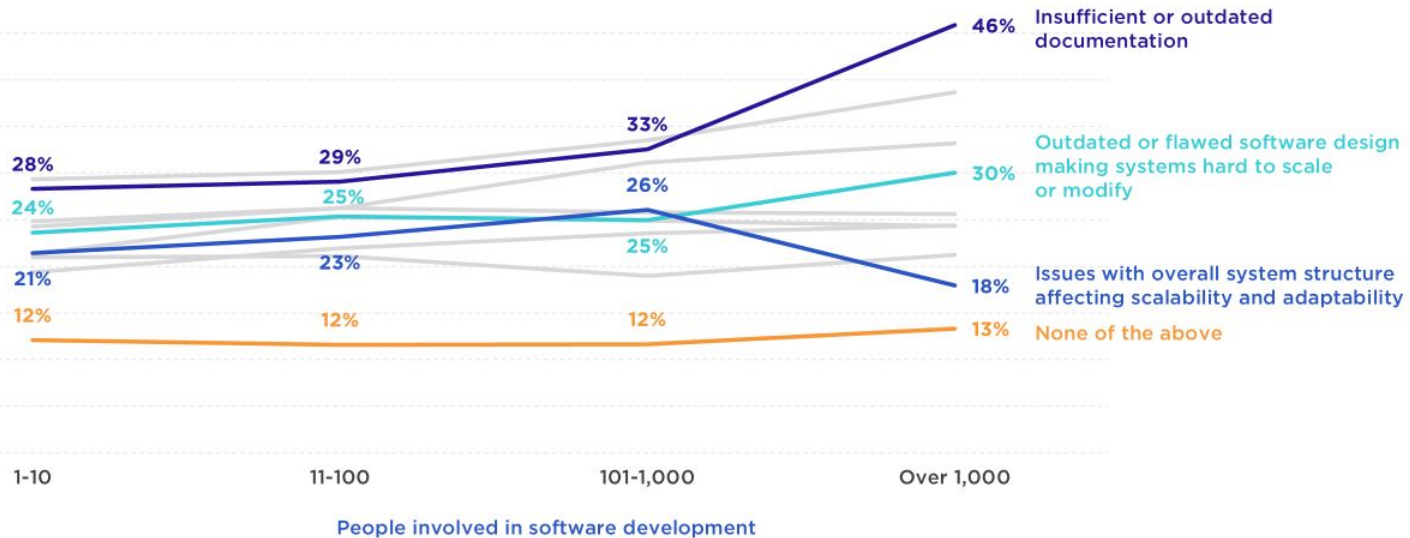
### Challenges organisations face in software development projects



**Question wording:** Which of these challenges, if any, does your organisation face in its software development projects?  
% of professional developers working for companies of at least two employees (n=6,351)

## Challenges organisations face in software development projects

### Software development challenges in organisations by the number of people involved in software development



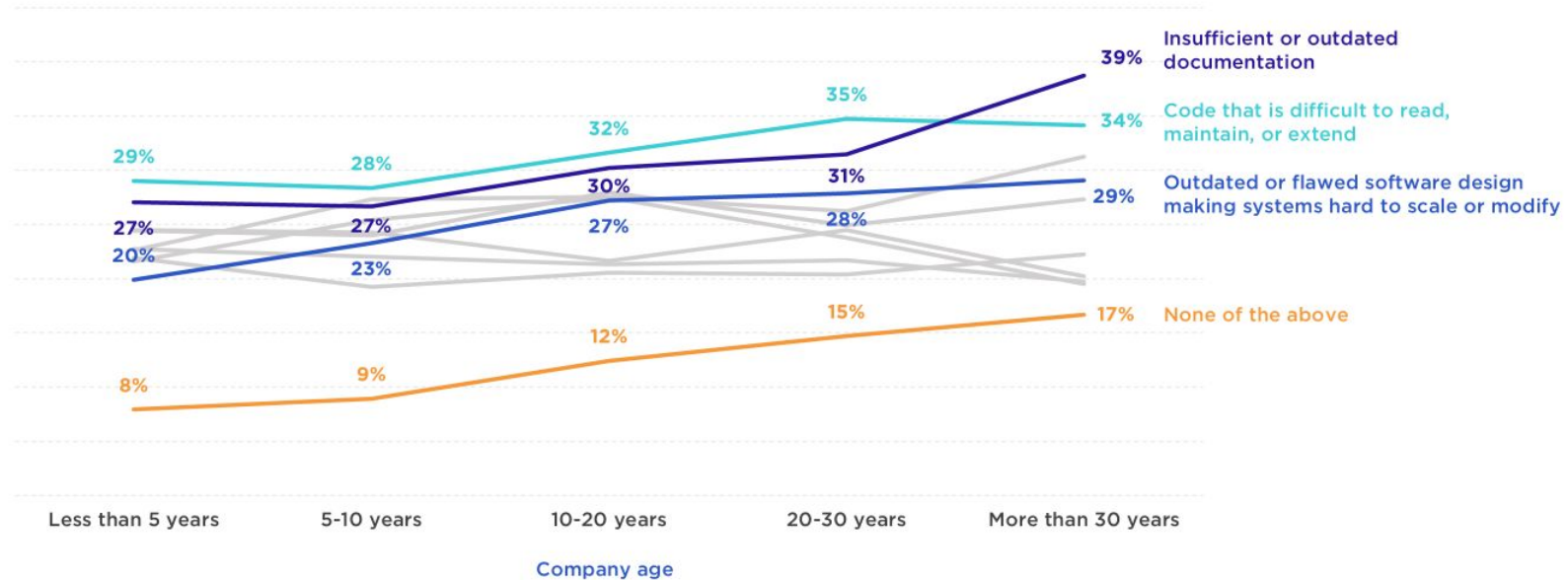
**Question wording:** Which of these challenges, if any, does your organisation face in its software development projects? | How many people in your organisation are involved in software development (incl. designers and product managers)?

% of professional developers working for organisations with development teams of each size (n=6,349)



## Challenges organisations face in software development projects

### Software development challenges in organisations by years of operation

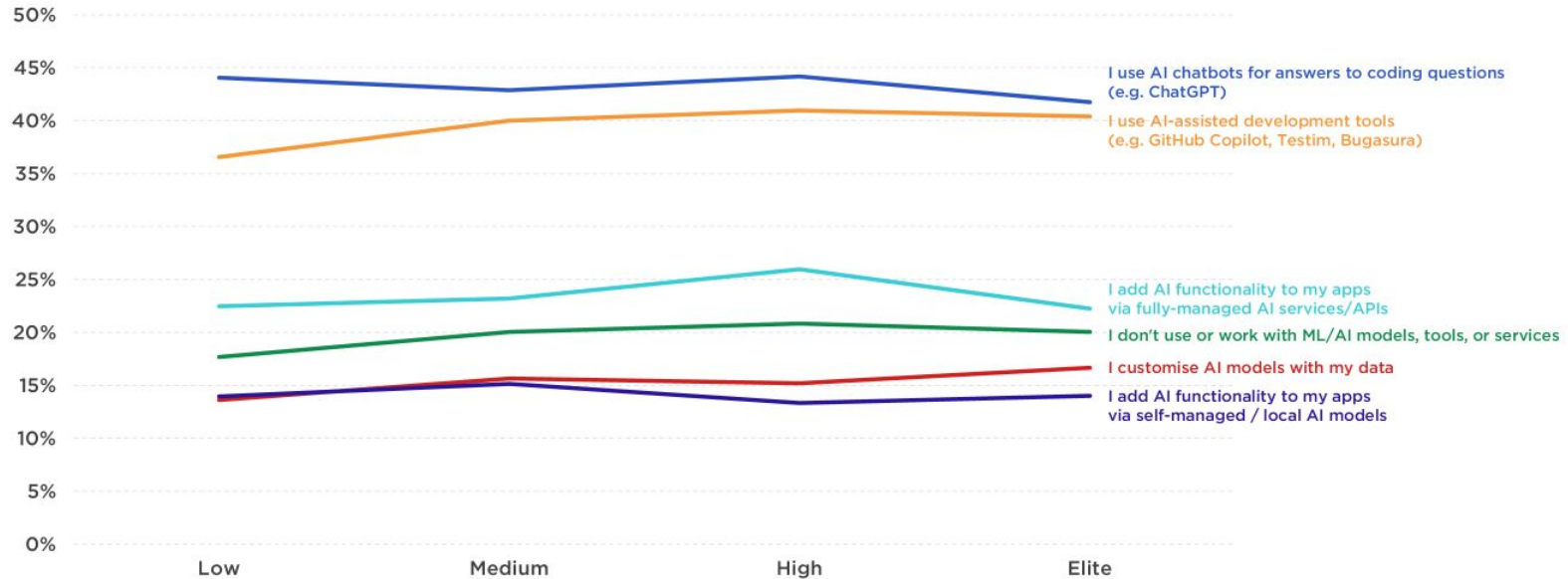


**Question wording:** Which of these challenges, if any, does your organisation face in its software development projects? | How many years has your organisation been in operation?

% of developers working for organisations with each operational timeframe (n=6,343)

## Challenges organisations face in software development projects

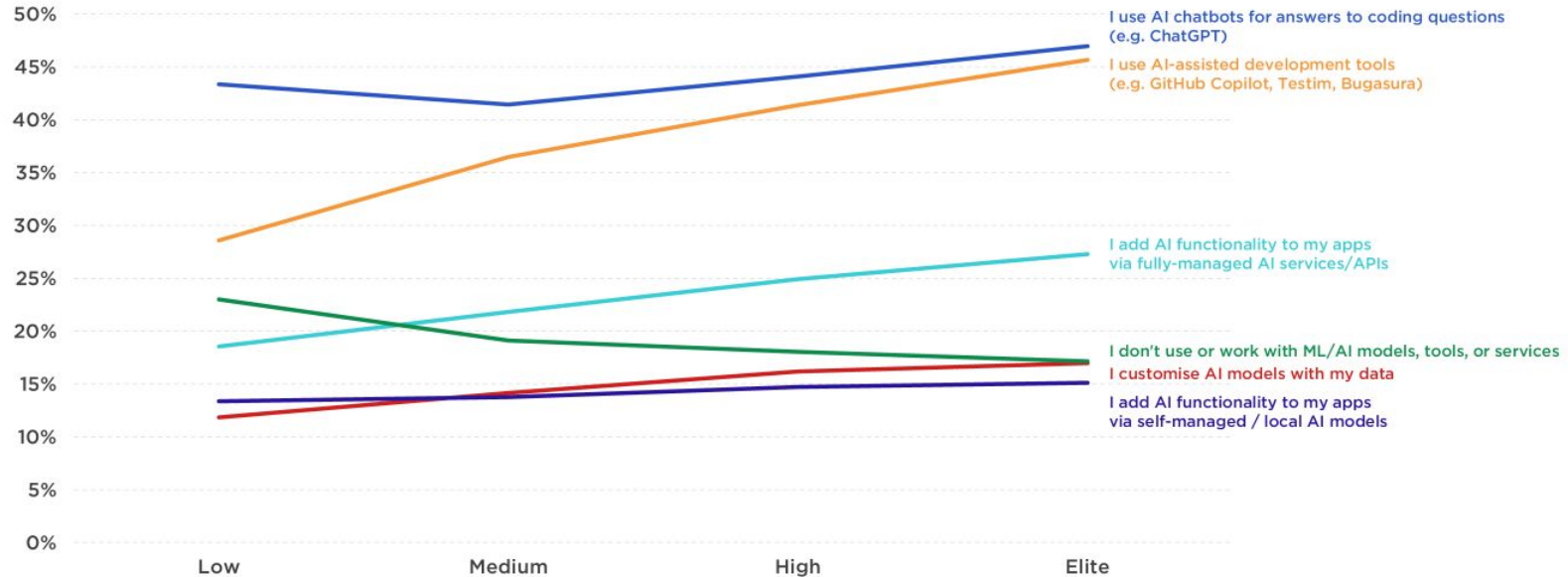
### Involvement in AI-related activities by each lead time for code changes performance cluster



**Question wording:** On average, how long does it take you or your team to go from code committed to code successfully running in production? | Do you use or work with ML/AI models, tools, APIs, or services? If so, in which of the following ways?  
% of developers in each DORA lead time for code changes performance group (n=6,039)

## Challenges organisations face in software development projects

### Involvement in AI-related activities by each deployment frequency performance cluster

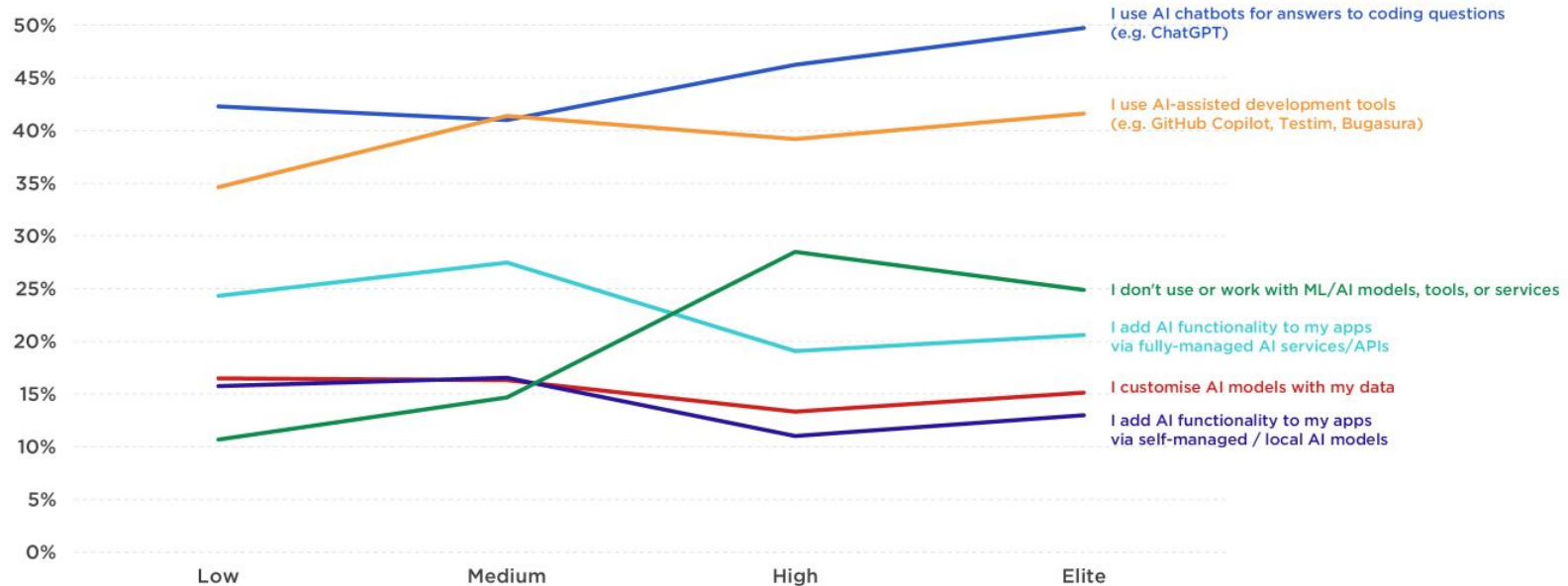


**Question wording:** On average, how often do you or your team deploy code to production? | Do you use or work with ML/AI models, tools, APIs, or services? If so, in which of the following ways?

% of developers in each DORA deployment frequency performance group (n=5,986)

## Challenges organisations face in software development projects

### Involvement in AI-related activities by each time to restore service performance cluster

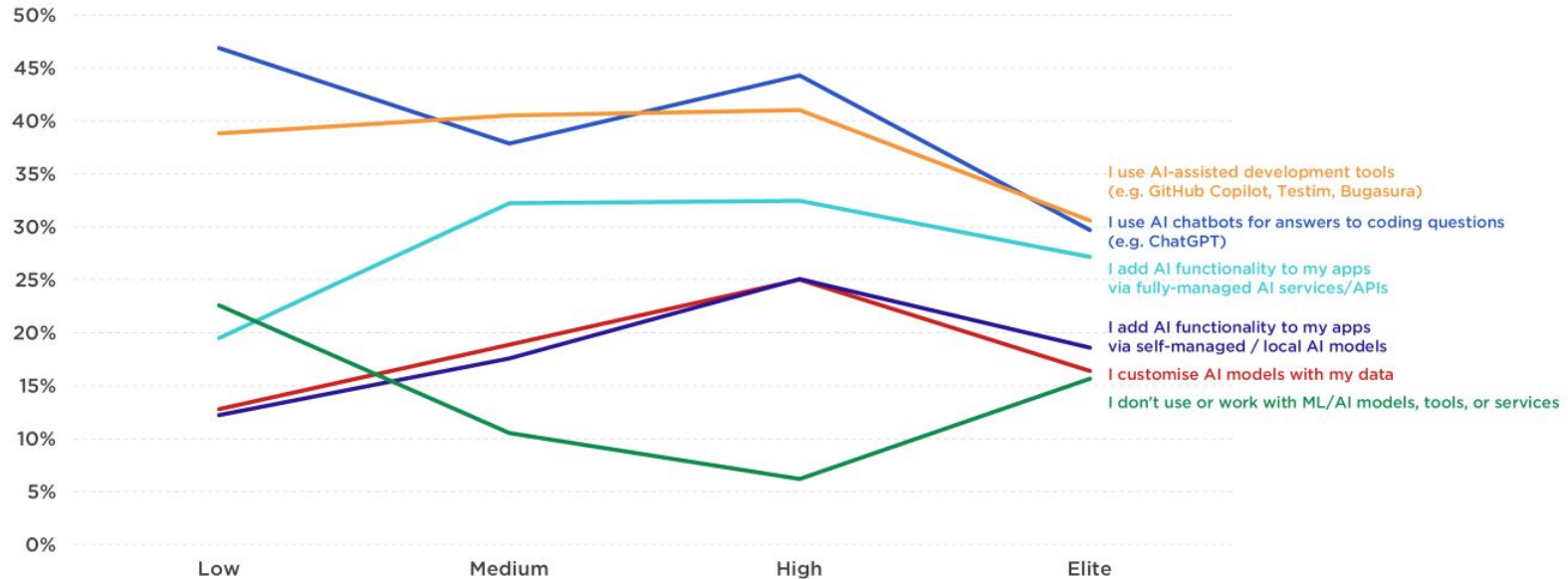


**Question wording:** On average, how long does it take you or your team to restore service from an unplanned outage or service impairment? | Do you use or work with ML/AI models, tools, APIs, or services? If so, in which of the following ways?

% of developers in each DORA time to restore service performance group (n=5,886)

## Challenges organisations face in software development projects

### Involvement in AI-related activities by each change failure rate performance cluster



**Question wording:** On average, what percentage of changes you or your team deploy to production lead to service impairment/outage and require remediation (e.g. a hotfix, rollback, or patch)? | Do you use or work with ML/AI models, tools, APIs, or services? If so, in which of the following ways?  
% of developers in each DORA change failure rate performance group (n=5,744)



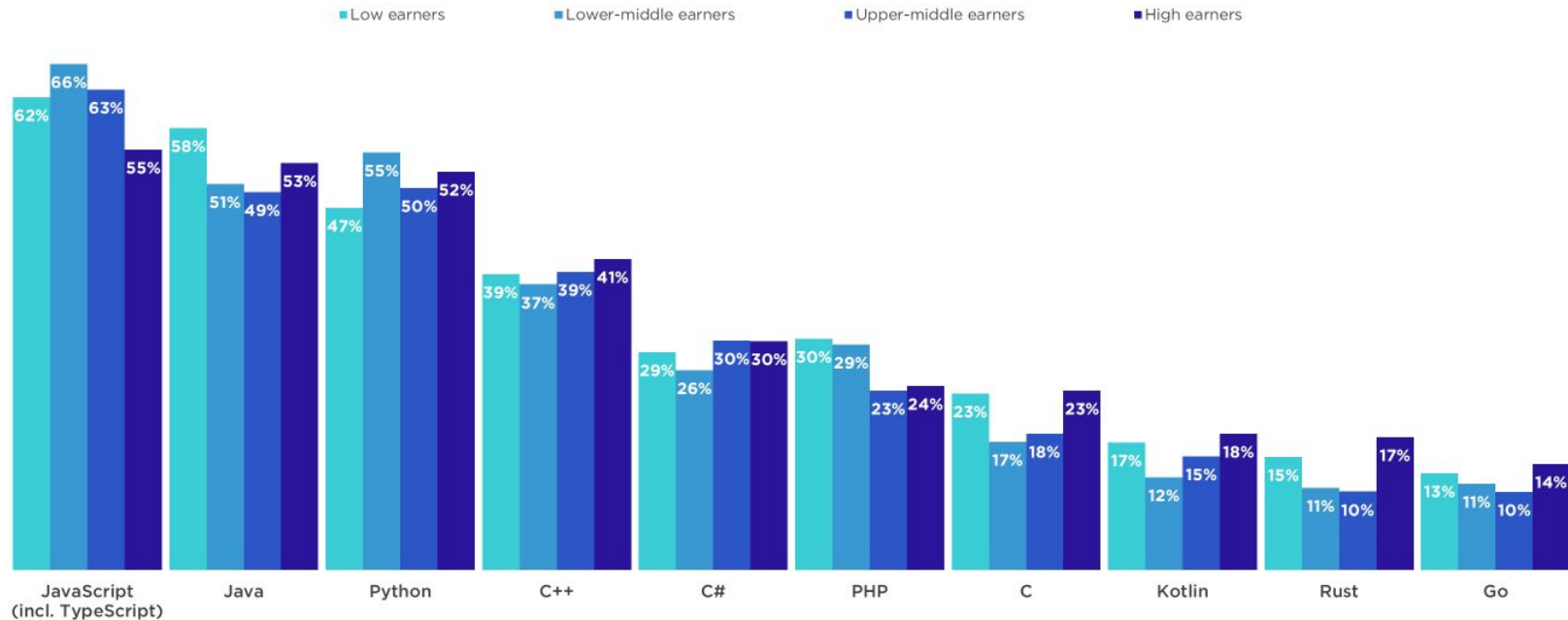
## Challenges organisations face in software development projects

### DORA metric groupings

	Elite	High	Medium	Low
<b>Lead time for code changes</b> <i>On average, how long does it take you or your team to go from code committed to code successfully running in production?</i>	Less than 1 day	1 day to 1 week	1 week to 1 month	More than 1 month
<b>Deployment Frequency</b> <i>On average, how often do you or your team deploy code to production?</i>	On-demand or at least once per day	Less than once per day, at least once per month	Less than once per month, at least every six months	Less than once every six months
<b>Time to restore services</b> <i>On average, how long does it take you or your team to restore service from an unplanned outage or service impairment?</i>	Less than 1 hour	1 hour to 1 day	1 day to 1 month	More than 1 month
<b>Failure rates</b> <i>On average, what percentage of changes you or your team deploy to production lead to service impairment/outage and require remediation (e.g. a hotfix, rollback, or patch)?</i>	<15%	16-30%	31-45%	>46%

## Sizing programming language communities

### Language usage by regionally-normalised income quartile



% of professional developers working for organisations with at least two employees in each income group (n=6,494)



# Community Updates

**4<sup>th</sup>** developer nation  
Virtual Meetup  
**26, JUNE 2025**

# Affiliate Program



**Join the Developer Nation Affiliate Program - For Every Developer Who Wants to Make an Impact**



**Earn rewards** by sharing the Developer Nation global survey - every voice counts!



**Empower** other devs to speak up about the tools, tech, and trends that matter to them



**Invite your peers to join awesome prize draws** for exclusive gear, AI tool credits, and more!

<https://developernation.net/survey/affiliate/>

---

Whether you're running a blog, podcast, newsletter, or Discord server -  
**if you speak dev, this is for you.**

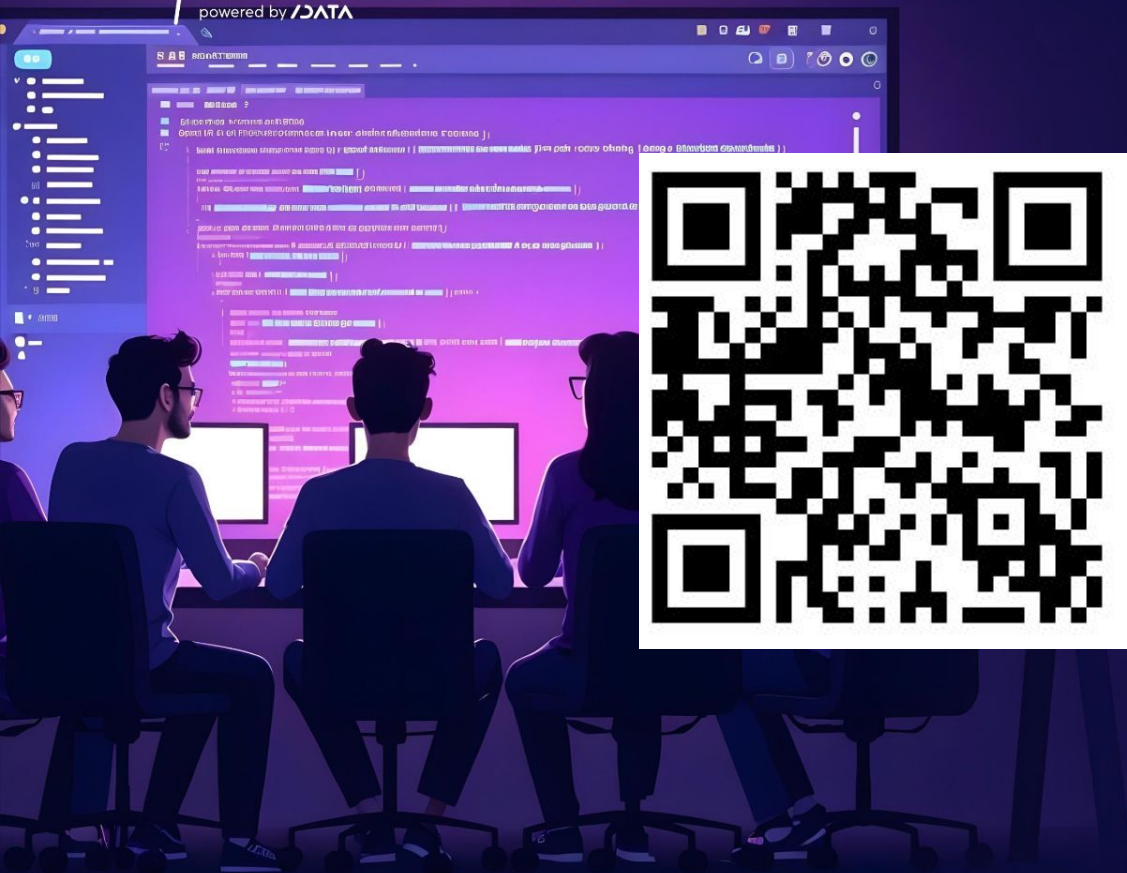
# Affiliate Program



<https://developernation.net/survey/affiliate/>

---





**PANEL**  
**PROGRAM**  
**JOIN NOW**



## The Developer Nation Community

WhatsApp channel



- Subscribe only channel
- Get Latest Updates without pings
- Personal details not visible to us or other members



## Survey Updates : 30th Developer Nation

**4<sup>th</sup>** developer nation  
Virtual Meetup  
**26, JUNE 2025**

## Premium prizes

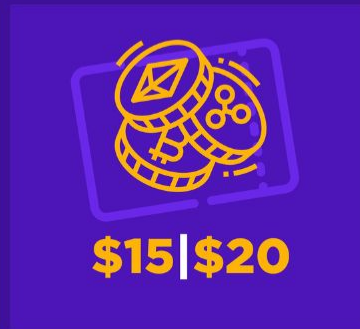


# Licenses, accessories & swag





# Exclusive community prizes



*“The questions were insightful.  
I found myself thinking why  
my organization has selected  
certain tools and not others,  
questioning our very  
foundation as a company”*

*“They have made me  
rethink many aspects of my  
day-to-day work, especially  
related to AI”*

## Who we're supporting

freeCodeCamp (🔥)

“freeCodeCamp is a proven path to your first software developer job.”

 charity: water

“1 in 10 people lack access to clean water. We're on a mission to change that.”

 OSMI

“Open Sourcing Mental Illness (OSMI) is a nonprofit dedicated to raising awareness and providing resources for mental health in the tech community.”



May 01, 2025

## The developers behind generative AI applications



May 01, 2025

## How and why developers engage with emerging technologies



May 01, 2025

## Usage of AI assistance between DORA performance groups



May 01, 2025

## How technology practitioners use social media



May 01, 2025

## Sizing programming language communities



May 01, 2025

## Challenges organisations face in software development projects









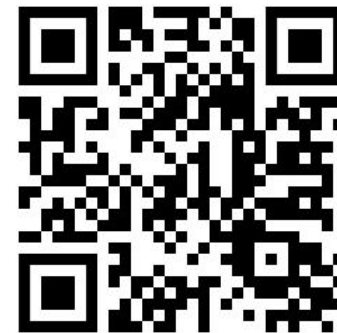


# How to Win

1. Participate in 30th Developer Nation survey using this specific URL(shared in chat) or QR code on the left



2. Fill a small form using link(shared in chat) or QR code on the right
3. Winners will be announced on 30th June on forum and whatsapp channel



Fill this form

Take the Survey

 Instructions PDF: <https://shorturl.at/uDtFY>





**THANK YOU**

**LIVE  
PRIZE  
DRAW**



DN Custom Keychron  
Mechanical Keyboard

**4**

developer nation  
Virtual Meetup

**Behind the Code**  
**Org Challenges, DORA**  
**Metrics & the AI Effect**

**26, JUNE 2025**

 **15:30, UK time**

**/DATA**