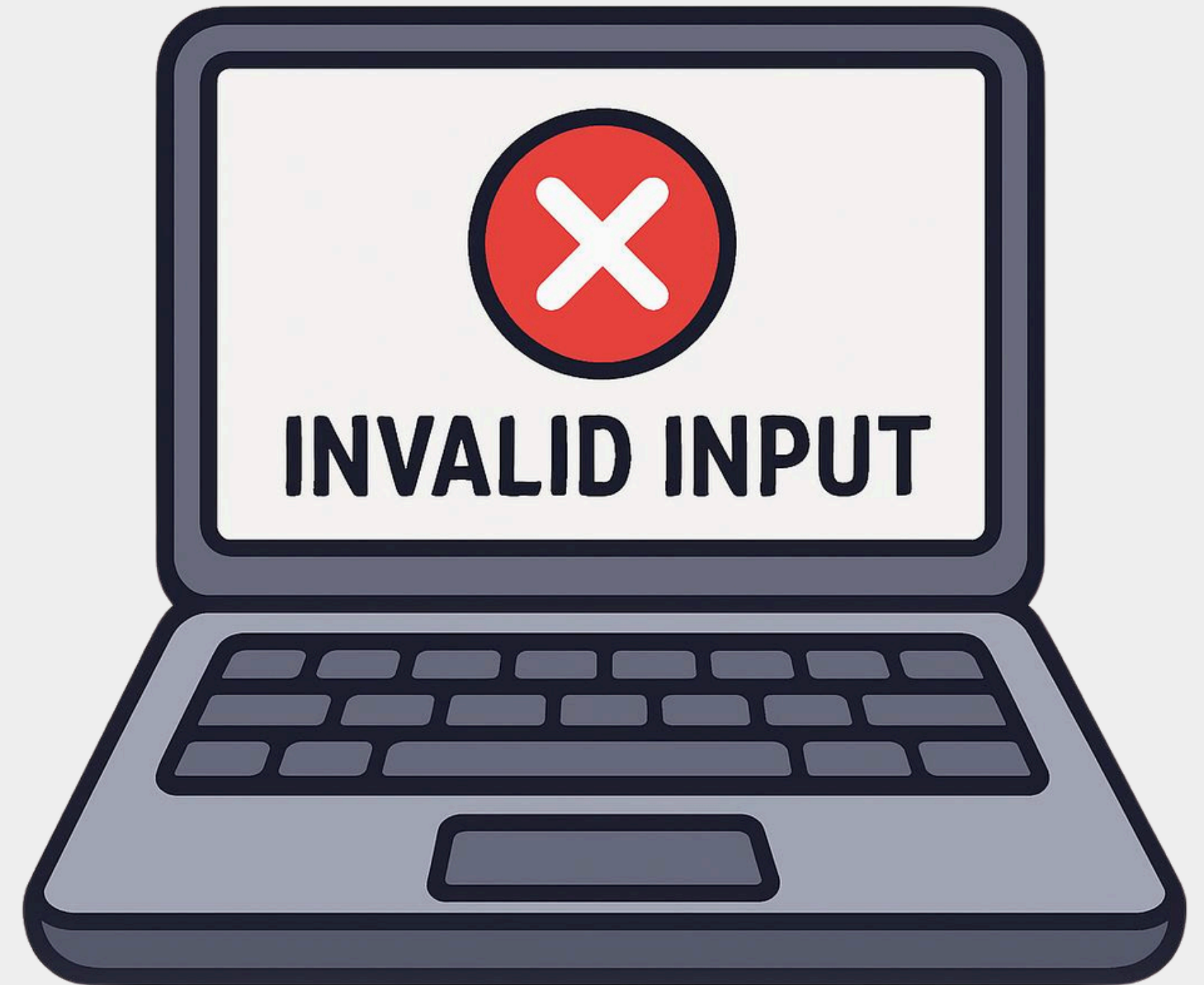


# UNIVERSAL ACCEPTANCE

SHAPING DIGITAL FUTURES!

Hi! My name is ਰੋਹਨ, and my email is ਰੋਹਨ@ਸਚਦੇਵਾ.ਭਾਰਤ (rohan@sachdeva.bharat)



# WHO AM I?

ਪੰਜਾਬ



DG

a platform for every child



LA TROBE UNIVERSITY



li.u LINKÖPINGS UNIVERSITET



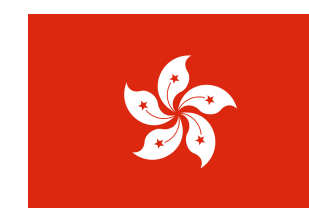
東京大学 THE UNIVERSITY OF TOKYO



APIGA ASIA PACIFIC INTERNET GOVERNANCE ACADEMY



HONG KONG APAN



# What does Universal Acceptance mean to me?

Not about technical elegance.  
Instead, an **equal digital identity**.

Everyone should be able to access the internet in their own ways:

- Non-Latin/Roman domain names
- New domain extensions
- Internationalised email addresses
- Systems that don't discriminate





# Universal Acceptance in Reality

Report by the Ministry of Electronics and Information Technology of India

## Mobile vs. Desktop Failure:

Mobile environments face significantly more UA difficulties than desktops. In testing, Android failed 104 tests, and iOS failed 102, compared to only 66 failures on Windows.

**The "App Gap":** Most popular Indian apps are not yet "UA Ready."

**Non-Compliant:** Paytm, Flipkart, MakeMyTrip, and MyAadhar.

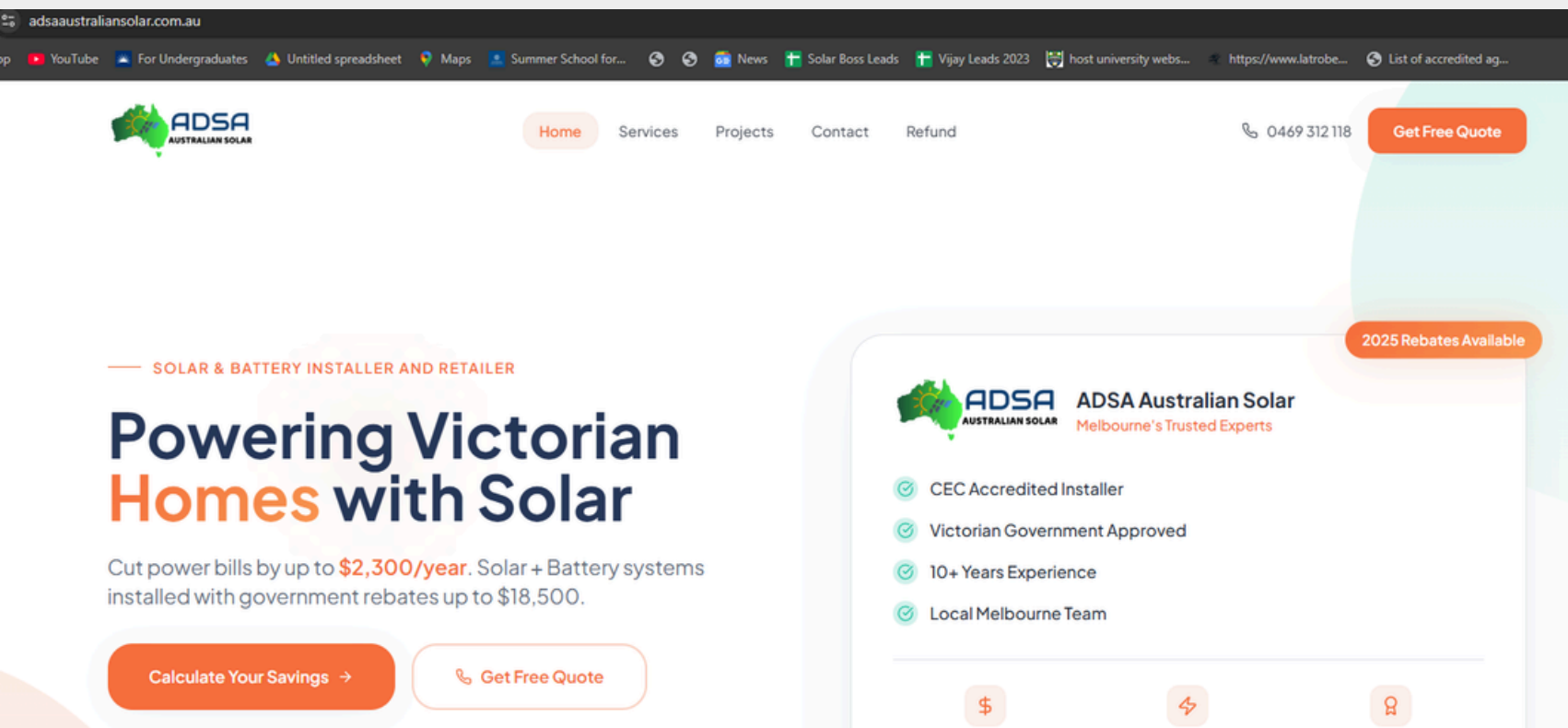
**UA-Ready Successes:** Koo and Videomeet are currently leading in readiness.

**The "Two-Point" Email Problem:** Localised email is a "two-point" communication. If the sender's system is ready but the receiver's is not, the email fails.

**Security Threats (Phishing):** A major challenge is the "Homograph attack," where characters from different scripts look identical (e.g., different ways to write ईश्वर), making it easy to deceive users with fake URLs.

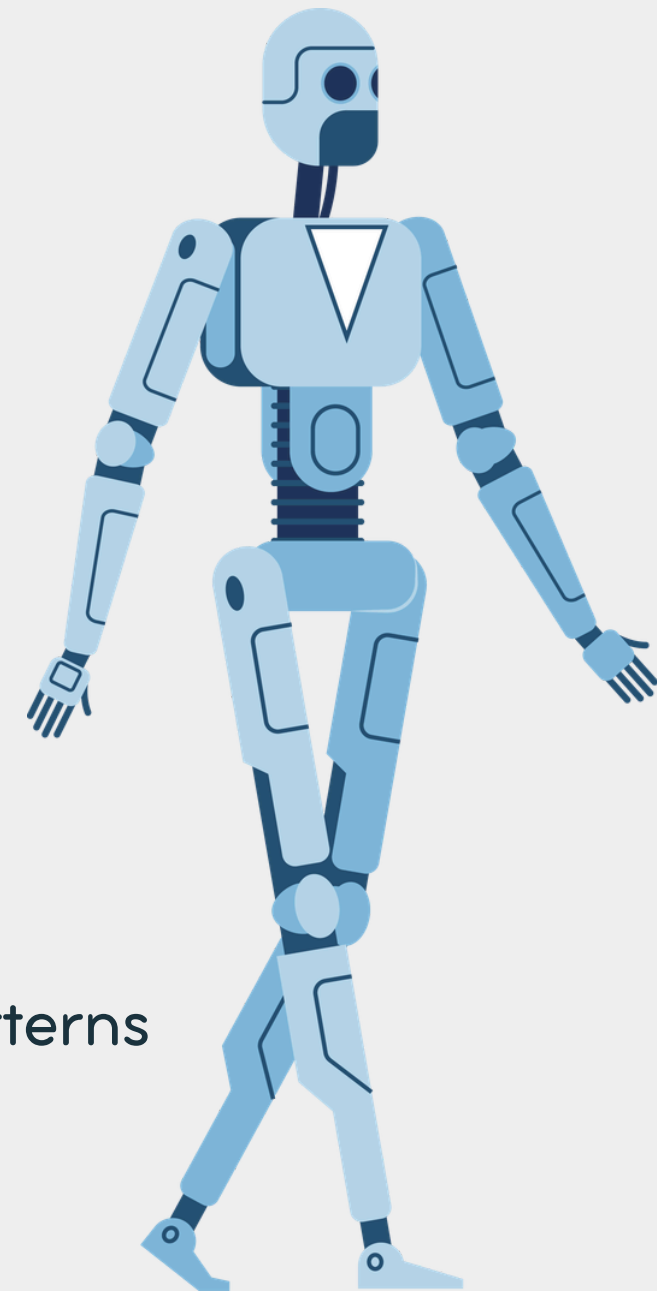


# Artificial Intelligence and Universal Acceptance



## The Opportunity!

- AI website builders lower barriers to entry
- Anyone can launch a website in minutes
- Digital participation is expanding rapidly



Your Name \*

ਰੋਹਨ

Business Name \*

ਸਚਦੇਵਾ

Email Address \*

ਰੋਹਨ@ਸਚਦੇਵਾ.ਭਾਰਤ

Phone Number

0123456789

! A part followed by '@' should not contain the symbol 'ਰ'.

## Problem

- AI tools often inherit outdated validation patterns
- Many still assume ASCII-only inputs
- New gTLDs are sometimes rejected in forms
- IDN email addresses frequently fail
- Backend systems are not consistently UA-compliant

# Looking forward- ICANN 2026 New gTLD Program

- New TLDs should be **usable**, not just registered.
- UA readiness first – ensure browsers, forms, AI builders, and email systems **accept** new TLDs and IDNs.
- Language inclusion matters – **support** local scripts; users shouldn't have to Romanise or adapt.
- Measure real adoption – **track** usage, accessibility, and user experience, not just registrations.
- **Prevent** automated exclusion – AI-generated websites must handle new TLDs properly.

.com

.com

.org

.net

.com



It all matters!

**“The next world leader  
is in your classroom”**

**~Sharad Vivek Sagar, Dexterity Global**



Thank you

साबायखर

Aema sarhao

धन्यवाद

तुका देव बरें करूं

धन्यवाद

تنهنجي مهرباني

આભાર



धन्यवाद

ਪੰਨਵਾਦ

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ಧನ್ಯವಾದಗಳು

شکریہ

शुक्रिया

अहां कें धन्यवाद

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थुआढा धन्नवाद



# Let's Connect!



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[www.rohansachdeva.com](http://www.rohansachdeva.com)

