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TECHNICAL COMMITTEE

Presents

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JAZIBA ZEEM

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WELCOME TO DIGITAL AND TECHNICAL WORLD

01 Lapsus\$ Hacker Targeted Uber, Revolut, Grand Theft Auto Maker, London Jury Finds



A London jury has convicted a teenage Lapsus\$ hacking group member for breaching Uber, fintech company Revolut, and blackmailing Grand Theft Auto developers. The hacker targeted Revolut, obtaining data from around 5,000 customers, and then Uber, resulting in nearly \$3 million in damages. Subsequently, the individual hacked Rockstar Games and threatened to release the source code for the upcoming Grand Theft Auto sequel through a Slack message to all Rockstar staff.

02 Scientists employ AI to predict brain cancer outcomes

Stanford Medicine researchers have created an AI model to evaluate stained images of glioblastoma tissue. This model predicts tumor aggressiveness, identifies genetic characteristics, and assesses post-surgery cancerous cell presence, aiding in the treatment of this aggressive brain cancer with a typically short life expectancy. The AI analyzes histology images, which are dyed disease tissue pictures, to provide valuable insights for doctors and scientists.



03 Meta to launch AI model for writing computer codes



Meta Platforms said, it would release an artificial intelligence (AI) model designed to assist in writing computer code, furthering its push into the new technology.

Code Llama, which will be available for free, can write code based on human text prompts and can also be used for code completion and debugging, the social media giant said in a blogpost.

Code Llama supports the popular coding languages like Python, Java and C++ and is not recommended for general text tasks, Meta said

Regulators give green light to driverless taxis in San Francisco

04

California regulators have granted approval to both Cruise and Waymo, two competing robotaxi companies, to operate their autonomous vehicles around the clock throughout all of San Francisco and charge passengers for their services. This decision enables people in San Francisco to book and ride in driverless taxis, introducing automated competition to traditional taxi and ride-sharing services.



05 Microsoft Removing WordPad from Windows After 30 Years



Microsoft has decided to stop updating WordPad and will remove it from future Windows releases.

The software giant will instead recommend Microsoft Word, its paid word processor that has always been far more feature rich than the basic WordPad app that has shipped as part of Windows since Windows 95 and Windows Notepad for plain text documents like .txt.

06 Meta is shutting down Messenger Lite for Android in September

Meta is shutting down Messenger Lite, its lightweight stripped-down version of Messenger, the company confirmed to TechCrunch. Users of the app are starting to see a message that advises them to “use Messenger to keep chatting.” The app has been removed from the Google Play Store for new users and will no longer be available after September 18 for current users



09 Defcon: Humans Take on AI for Safety

At the Defcon security conference, participants, including hackers and students, engaged in the Generative Red Team Challenge, where they attempted to uncover flaws and biases in AI chatbots and text generation models from major companies like Google, Meta, OpenAI, by completing tasks such as generating false information about US citizens' rights and providing covert surveillance instructions, with the results set to inform AI system improvements while highlighting the growing public concern about AI's societal risks.



Time for Change: The Transparent Tech Renaissance

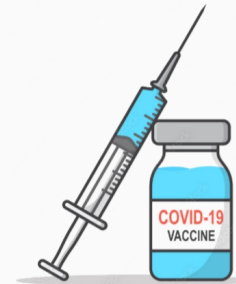
07



Transparent tech is back in style with glass smartphones like NOTHING, see-through earbuds, and colorful translucent gaming consoles. Even chargers and cables embrace the trend. Time to revisit the past with your old Apple CRT monitor and N64 controller.

Vaccine Database Leak Exposes Indian IDs

10



A journalist discovered a Telegram bot in a channel called "hak4learn" that was providing access to the private data of millions of Indians, including their name, passport number, and date of birth, simply by inputting a phone number or Aadhaar (India's national ID) number. The data seemed to be sourced from India's CoWIN vaccination tracking app with over 1 billion registered users.

08 Apple Watch X: Blood Pressure Tracking Coming Soon

Apple plans to mark the 10th anniversary of its watch with a significant upgrade, the "Watch X." This new device will have a thinner case, a sleeker magnetic band, improved microLED display, and the capability to monitor blood pressure.



11 TCS Wins Athora Transformation Deal

Tata Consultancy Services (TCS) has secured a multi-year contract from Athora Netherlands, a Dutch life insurance and pension provider, to create a new business and IT operating model. This collaboration aligns with Athora Netherlands' Ambition 2025 initiative to become a prominent player in pensions and life insurance. Under this arrangement, TCS will oversee all business and IT operations related to policy servicing.



12 'CBDC and Blockchain': Mukesh Ambani's Jio Financial Services Set to Make Web3 Foray



Mukesh Ambani, one of the world's richest men settled in India's financial capital, is prepared to explore the Web3 arena. The 66-year-old Indian billionaire disclosed his Web3-related plans during the 46th annual general meeting of Reliance Industries (RIL) that was held on Monday. While the Reliance chief aims to keep a distance from highly volatile crypto assets for now, he does plan to explore the fields of blockchain and centralised digital currencies — including the eRupee CBDC — which is currently in advanced trials in India.

PM Modi Backs Rules for Crypto, Says There's No Point in Ignoring Technology

13

Prime Minister Narendra Modi has stressed that a comprehensive set of rules are necessary govern the crypto sector. PM Modi, during an exclusive interview with Business Today said that it is only wise to keep up pace with advancements in the technological sector. The regulation of cryptocurrencies has been among India's top agendas as part of its ongoing G20 Presidency that is scheduled to culminate in December this year. India's finance ministry as well as the Reserve Bank of India (RBI) also deem it important that crypto activities are officially governed.



14 Zepto Becomes First Indian Unicorn in Nearly a Year, Raises \$200 Million in Funding



Indian grocery startup Zepto said on Friday it has raised \$200 million (nearly Rs. 1,650 crore) in fresh funding at a valuation of \$1.4 billion (nearly Rs. 11,560 crore), making it the first startup in the country to cross the billion-dollar valuation mark in nearly a year. Zepto, which promises delivery of groceries in 10 minutes, was started in 2021 by two 19-year-old Stanford dropouts, and competes with SoftBank-funded Swiggy and Blinkit, which are all betting on fast deliveries in the so-called quick commerce sector. Even among them, Zepto's CEO Aadit Palicha said the company has the quickest average delivery time of 13 minutes.

15 Digital Personal Data Protection Act Will Ensure Firms Handle Data of Indians Legally: IT Minister

Union Minister of State for Electronics and Information Technology Rajeev Chandrasekhar on Thursday said the Digital Personal Data Protection Act (DPDP Act) passed by Parliament recently will make digital companies handle the data of Indian citizens under absolute legal obligation.

Calling the law an important milestone in the cyber law framework, Chandrasekhar said there will be punitive consequences of high penalty and even blocking them from operating in India.



Unknown Facts

India is one of only three countries that makes supercomputers

India is one of six countries that launches satellites

The Bombay stock exchange lists more than 6,600 companies

Nearly 49% of the high-tech startups in silicon Valley and Washington, D.C. are owned by Indians or Indian-Americans

Did You Know

World Wide Web Day



World Wide Web Day is celebrated on August 1 every year. The day is observed to commemorate the World Wide Web (www) and its impact on the world. It was on August 1 in 1991 that Tim Berners-Lee posted a proposal for the World Wide Web on the alt.hypertext newsgroup; this day is, therefore, celebrated with great importance every year. The year 1989 marked the beginning of the Internet. From that point forward, it has continued to evolve.

Examples of World Wide Web

Wikipedia (www.wikipedia.org)



Google (www.google.com)



YouTube (www.youtube.com)



LinkedIn (www.linkedin.com)



Amazon (www.amazon.com)



Reddit (www.reddit.com)



Facebook (www.facebook.com)



Netflix (www.netflix.com)



Facts



The first website went live in 1991 and went public in 1993.



The first websites only had words and pictures.



World Wide Web is not the same as the Internet.



info.cern.ch. was the world's first website.



There are 1.13 billion websites in the world but 82% of them are inactive.



More than 3 billion people all over the world surf the web daily.



The name "Web" was decided after "Information Mesh", "The Information Mine", and "Mine of Information".



Jean Armour Polly, a librarian, is attributed with coining the term "surfing the web".



The World Wide Web Consortium (W3C) is the international standards organization for the World Wide Web



China has the most active web surfers, followed by India and USA



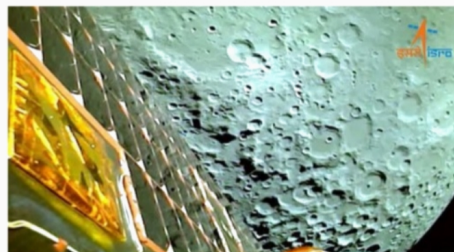
News of the Month

Chandrayaan-3 : India make a historic landing near Moon's South Pole

India has made history as its Moon mission became the first to land in the lunar south pole region. The Vikram lander from Chandrayaan-3 successfully touched down as planned at 18:04 local time (12:34 GMT). Celebrations have broken out across the country, with Prime Minister Modi saying "India is now on the Moon". Indian Space Research Organisation (ISRO) chief S. Somnath said successful landing "is not our work alone, this is the work of a generation of Isro scientists".



In terms of technology, Chandrayaan-3 is built with cutting-edge technology. The spaceship, lander and rover are loaded with high-quality components. For those you are unfamiliar the Chandrayaan-3 consist of three parts:- a lander (Vikram), a rover (Pragyan) and a propulsion module. The Propulsion system will remain in orbit for years and will be capable of carrying out variety of experiments.



Chandrayaan-3 has sent Earth its first image of the moon captured during lunar descent ,after its historic soft landing on the lunar south pole on August 23 2023. The Lander Horizontal Velocity Camera captured these images during decent .

NEW IN TECHNOLOGY

SMART RINGS



Smart ring is a wearable electronic gadget with cutting-edge mobile components that combine mobile device functions with unique features practical for handheld or mobile use. Smart rings, which are often the size of traditional rings or larger, combine well-liked novel uses like gesture control and activity tracking with the functionality of a mobile device, such as the ability to make payments and mitigating access control.

Uses Of Smart Rings

- Through a number of applications and websites, smart rings can communicate directly with smartphones or other suitable devices. Some smart rings incorporate capacitive or physical buttons that can be used to activate features like gestures or phone calls.
- One of the fundamental functions of the smart ring is that it acts as a near-field communication device, effectively removing the need to carry identification documents like ID cards or driver's licenses as well as credit cards, door keys, and car keys.



- Other applications include connecting to a smartphone to alert the user of incoming calls, texts, emails, and more; using gesture-based controls to let the user carry out numerous tasks with a single hand motion; and measuring steps, distance, sleep, heart rate, and calorie intake.