11-12 December 2024 | Delhi, India

The schedule is subject to change.

Please note: This schedule is automatically displayed in **India Standard Time (UTC+5:30)**. To see the schedule in your preferred timezone, please select from the drop-down menu to the right, above "Filter by Date."

All sessions and keynotes will be recorded and made available on the CNCF YouTube channel.

(?iframe=yes&w=100%&sidebar=yes&bg=no#)

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Wednesday, December 11

Show Earlier Events (?iframe=yes&w=100%&sidebar=yes&bg=no#)

2:55pm IST

✓ Multi-Node Finetuning LLMs on Kubernetes: A Practitioner's Guide - Ashish Kamra & Boaz Ben Shabat, Red Hat

AUDITORIUM
(event/1mVRP/multi-node-finetuning-llms-on-kubernetes-a-practitioners-guide-ashish-kamra-boaz-ben-shabat-red-hat?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Invoking Serverless Functions via gRPC Service Mesh - Kannan Jayaprakasam, Sreenithi Sridharan & Richard Belleville, Google

CONVENTION CENTRE | LEVEL 2 | ROOM 201
(event/1mVRT/invoking-serverless-functions-via-grpc-service-mesh-kannan-jayaprakasam-sreenithi-sridharan-richard-belleville-google?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Ensuring Seamless Service Continuity in 5G: Enhancing Kubernetes Disaster Recovery for Telecom - Saurabh Swaraj, Grace Hanusha, Sunil N, Ganesh Chandrasekaran & Karthikeyan Subramaniam, Samsung

CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101B

(event/1mVRS/ensuring-seamless-service-continuity-in-5g-enhancing-kubernetes-disaster-recovery-for-telecom-saurabh-swaraj-grace-hanusha-sunil-n-ganesh-chandrasekaran-karthikeyan-subramaniam-samsung?iframe=yes&w=100%&sidebar=yes&bg=no)

○ KubeEdge DeepDive: Architecture, Use Cases, and Project Graduation Updates - Shubham Singh, Independent
CONVENTION CENTRE | LEVEL 4 | ROOM 404
(event/1mpDV/kubeedge-deepdive-architecture-use-cases-and-project-graduation-updates-shubham-singh-independent?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Is GitOps a Broken Experience - Where Is the Ops in GitOps ? - Rajalakshmi Kamath V, Walmart Global Tech
CONVENTION CENTRE | LEVEL 3 | ROOM 305
(event/1mVRV/is-gitops-a-broken-experience-where-is-the-ops-in-gitops-rajalakshmi-kamath-v-walmart-global-tech?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Stay Ahead of Disruptions : Experience Robust DNS Failover for API Gateway and Service Mesh - Gourav Yadav & Venkata Krishna Murthy Vadrevu, Intuit
CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101A
(event/1mVRQ/stay-ahead-of-disruptions-experience-robust-dns-failover-for-api-gateway-and-service-mesh-gourav-yadav-venkata-krishna-murthy-vadrevu-intuit?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Open Source Program Office (OSPO) Birds of a Feather
CONVENTION CENTRE | LEVEL 2 | ROOM 202
(event/1rNx2/open-source-program-office-ospo-birds-of-a-feather?iframe=yes&w=100%&sidebar=yes&bg=no)

3:45pm IST

○ Optimizing 5G Networks: Deploying AI/ML Workloads with the AIMLFW of O-RAN SC - Subhash Kumar Singh, Samsung
AUDITORIUM
(event/1mVRW/optimizing-5g-networks-deploying-aiml-workloads-with-the-aimlfw-of-o-ran-sc-subhash-kumar-singh-samsung?iframe=yes&w=100%&sidebar=yes&bg=no)

✓ From CPU to GPU: Progressive Delivery for Complex ML Deployments - Sumit Jain & Divyansh Saxena, Adobe
CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101A
(event/1mVRY/from-cpu-to-gpu-progressive-delivery-for-complex-ml-deployments-sumit-jain-divyansh-saxena-adobe?iframe=yes&w=100%&sidebar=yes&bg=no)

○ The Importance of Designing Single-Resource Controllers - Feny Mehta & Francesco Ilario, Red Hat
CONVENTION CENTRE | LEVEL 3 | ROOM 301

CONVENTION CENTRE | LEVEL 2 | ROOM 201

(event/1mVRe/the-importance-of-designing-single-resource-controllers-feny-mehta-francesco-ilario-red-hat?iframe=yes&w=100%&sidebar=yes&bg=no)

○ WebAssembly Profiling with Pprof and Wzprof - Rajiv Ranjan Singh, A.P. Moller - Maersk & Naman Lakhwani, Independent

CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101B

(event/1mVRb/webassembly-profiling-with-pprof-and-wzprof-rajiv-ranjan-singh-ap-moller-maersk-naman-lakhwani-independent?iframe=yes&w=100%&sidebar=yes&bg=no)

○ What's New in gRPC - Kevin Nilson, Google

CONVENTION CENTRE | LEVEL 4 | ROOM 404

(event/1mpDU/whats-new-in-grpc-kevin-nilson-google?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Tying OpenFeature and OpenTelemetry for Automated Rollouts of New Services - Pranay Prateek & Ekansh Gupta, SigNoz

CONVENTION CENTRE | LEVEL 3 | ROOM 305

(event/1mVRh/tying-openfeature-and-opentelemetry-for-automated-rollouts-of-new-services-pranay-prateek-ekansh-gupta-signoz?iframe=yes&w=100%&sidebar=yes&bg=no)

4:20pm IST

✓ Coffee Break ☕

EXHIBITION HALL 1B | SOLUTIONS SHOWCASE

(event/1mVgD/coffee-break?iframe=yes&w=100%&sidebar=yes&bg=no)

4:30pm IST

○ Learning Lounge: Which Kubernetes Cert is Right for You? - Fazlur Rahman Khan, Linux Foundation Education

EXHIBITION HALL 1B | LEARNING LOUNGE (BOOTH G6 - LINUX FOUNDATION EDUCATION)

(event/1si9y/learning-lounge-which-kubernetes-cert-is-right-for-you-fazlur-rahman-khan-linux-foundation-education?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Learning Lounge: CNCF Certification & Course Counseling - Christophe Sauthier, CNCF

EXHIBITION HALL 1B | LEARNING LOUNGE (BOOTH G6 - LINUX FOUNDATION EDUCATION)

(event/1siA1/learning-lounge-cncf-certification-course-counseling-christophe-sauthier-cncf?iframe=yes&w=100%&sidebar=yes&bg=no)

4:50pm IST

○ PepsiCo's Smart Edge Computing Delivers Anomaly Detection & Proactive Problem Solving to Boost Sales - Praseed Naduvath & Amit Mele, PepsiCo

AUDITORIUM

(event/1mVRk/pepsicos-smart-edge-computing-delivers-anomaly-detection-

(event/1mVRk/pepsico-smart-edge-computing-delivers-anomaly-detection-proactive-problem-solving-to-boost-sales-praseed-naduvath-amit-mele-pepsico?iframe=yes&w=100%&sidebar=yes&bg=no)

✓ Scalable ML Inferencing Pipeline Using K8s - Smitha Jayaram & Vinod Eswaraprasad, NVIDIA
CONVENTION CENTRE | LEVEL 3 | ROOM 305
(event/1mVRr/scalable-ml-inferencing-pipeline-using-k8s-smitha-jayaram-vinod-eswaraprasad-nvidia?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Introduction to Distributed ML Workloads with Ray on Kubernetes - Kavitha Gowda, Google
CONVENTION CENTRE | LEVEL 2 | ROOM 201
(event/1mVRq/introduction-to-distributed-ml-workloads-with-ray-on-kubernetes-kavitha-gowda-google?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Reimagining Kubernetes Pods: Nested Containers with CRI-O - Sohan Kunkerkar, Red Hat Inc
CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101B
(event/1mVRn/reimagining-kubernetes-pods-nested-containers-with-cri-o-sohan-kunkerkar-red-hat-inc?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Kyverno: An Introduction and Deep Dive - Sachin Agarwal & Vishal Choudhary, Nirmata; Avinash Kumar Gupta & Soji Antony, Razorpay; Anushka Mittal, Independent
CONVENTION CENTRE | LEVEL 4 | ROOM 404
(event/1mpDY/kyverno-an-introduction-and-deep-dive-sachin-agarwal-vishal-choudhary-nirmata-avinash-kumar-gupta-soji-antony-razorpay-anushka-mittal-independent?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Using Kubernetes for Operating Legacy, the Way to Happy Legacy Developers - Soren Davidsen, Bankdata.dk
CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101A
(event/1mVRl/using-kubernetes-for-operating-legacy-the-way-to-happy-legacy-developers-soren-davidsen-bankdatadk?iframe=yes&w=100%&sidebar=yes&bg=no)

5:40pm IST

✓ GenAI Recipes For Cloud Native Deployment - Arun Gupta, Intel & Kaushal Desai, Infosys
AUDITORIUM
(event/1mVRu/genai-recipes-for-cloud-native-deployment-arun-gupta-intel-kaushal-desai-infosys?iframe=yes&w=100%&sidebar=yes&bg=no)

✓ Search/Vector DBs as Microservices: Pros and Cons - Radu Gheorghe, Vespa.ai
CONVENTION CENTRE | LEVEL 2 | ROOM 201
(event/1mVS0/searchvector-dbs-as-microservices-pros-and-cons-radu-gheorghe-vespaai?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Fantastic KEPs and Where to Find Them: A Guide to Kubernetes Enhancements! - Priyanka Saggu, SUSE & Mario Jason Braganza, Janusworx

CONVENTION CENTRE | LEVEL 3 | ROOM 305

(event/1mVS3/fantastic-keps-and-where-to-find-them-a-guide-to-kubernetes-enhancements-priyanka-saggu-suse-mario-jason-braganza-janusworx?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Effortless Clustering: Rethinking ClusterAPI with Systemd-Sysext - Sayan Chowdhury, Microsoft

CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101B

(event/1mVRz/effortless-clustering-rethinking-clusterapi-with-systemd-sysext-sayan-chowdhury-microsoft?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Introduction to Vitess: Scalable Database for Modern Applications - Manan Gupta & Harshit Gangal, PlanetScale

CONVENTION CENTRE | LEVEL 4 | ROOM 404

(event/1mpDb/introduction-to-vitess-scalable-database-for-modern-applications-manan-gupta-harshit-gangal-planetscale?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Faster Deployments at PepsiCo with Self-Service Continuous Delivery Using the App of Apps Pattern - Chaitanya G & Prasanti Kadiyala, PepsiCo

CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101A

(event/1mVRx/faster-deployments-at-pepsico-with-self-service-continuous-delivery-using-the-app-of-apps-pattern-chaitanya-g-prasanti-kadiyala-pepsico?iframe=yes&w=100%&sidebar=yes&bg=no)

6:15pm IST

✓ Welcome Reception

EXHIBITION HALL 1B | SOLUTIONS SHOWCASE

(event/1mViO/welcome-reception?iframe=yes&w=100%&sidebar=yes&bg=no)

Thursday, December 12

8:30am IST

○ Registration + Badge Pick-Up

CONVENTION CENTRE | GROUND LEVEL

(event/1r7ZZ/registration-badge-pick-up?iframe=yes&w=100%&sidebar=yes&bg=no)

9:30am IST

○ Keynote: Opening Remarks - Nikhita Raghunath, Principal Software Engineer,

Broadcom

AUDITORIUM

(event/1r7Qj/keynote-opening-remarks-nikhita-raghunath-principal-software-engineer-broadcom?iframe=yes&w=100%&sidebar=yes&bg=no)

9:45am IST

✓ Keynote: GenAI + Kubernetes - Old School Reliability Saves the Day for Modern Workloads! - Aparna Subramanian, Director of Production Engineering & Sumedh Degaonkar, Production Engineering Manager, Shopify

AUDITORIUM

(event/1r7Pn/keynote-genai-kubernetes-old-school-reliability-saves-the-day-for-modern-workloads-aparna-subramanian-director-of-production-engineering-sumedh-degaonkar-production-engineering-manager-shopify?iframe=yes&w=100%&sidebar=yes&bg=no)

10:00am IST

◯ Keynote: The Road to Mandala: A Kubernetes Story - Lachlan Evenson, Principal Program Manager - Azure, Microsoft

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(event/1sT4B/keynote-the-road-to-mandala-a-kubernetes-story-lachlan-evenson-principal-program-manager-azure-microsoft?iframe=yes&w=100%&sidebar=yes&bg=no)

10:05am IST

◯ Keynote: Unity in Diversity: Making Cloud Native Ubiquitous - Divya Mohan & Priyanka Saggu, SUSE; Nabarun Pal, Independent; Bhavani Indukuri, Zscaler; Sandeep Kanabar, Gen

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(event/1r7T6/keynote-unity-in-diversity-making-cloud-native-ubiquitous-divya-mohan-priyanka-saggu-suse-nabarun-pal-independent-bhavani-indukuri-zscaler-sandeep-kanabar-gen?iframe=yes&w=100%&sidebar=yes&bg=no)

10:20am IST

✓ Cloud Native and AI: Better Together? - Arun Gupta, Vice President and General Manager, Developer Programs, Intel

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(event/1smAp/cloud-native-and-ai-better-together-arun-gupta-vice-president-and-general-manager-developer-programs-intel?iframe=yes&w=100%&sidebar=yes&bg=no)

10:40am IST

✓ Keynote: Orchestrating AI Agents: Kubernetes as the Next-Gen Agent Platform - Janakiram MSV, Principal Analyst, Janakiram and Associates

AUDITORIUM

(event/1sfe4/keynote-orchestrating-ai-agents-kubernetes-as-the-next-gen-

agent-platform-janakiram-msv-principal-analyst-janakiram-and-associates?
iframe=yes&w=100%&sidebar=yes&bg=no)

10:55am IST

✓ Keynote: Closing Remarks
AUDITORIUM
(event/1mVfP/keynote-closing-remarks?
iframe=yes&w=100%&sidebar=yes&bg=no)

11:00am IST

○ Learning Lounge: Becoming an Open Source Project Contributor Is Easier Than
You Think!
EXHIBITION HALL 1B | LEARNING LOUNGE (BOOTH G6 - LINUX FOUNDATION EDUCATION)
(event/1siA4/learning-lounge-becoming-an-open-source-project-contributor-
is-easier-than-you-think?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Coffee Break ☕
EXHIBITION HALL 1B | SOLUTIONS SHOWCASE
(event/1mVgG/coffee-break?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Solutions Showcase
EXHIBITION HALL 1B | SOLUTIONS SHOWCASE
(event/1oZTn/solutions-showcase?iframe=yes&w=100%&sidebar=yes&bg=no)

11:30am IST

○ ⚡ Lightning Talk: Safer Cluster Upgrades with Mixed Version Proxy - Richa
Banker, Google
AUDITORIUM
(event/1mVS6/cl-lightning-talk-safer-cluster-upgrades-with-mixed-version-
proxy-richa-banker-google?iframe=yes&w=100%&sidebar=yes&bg=no)

○ Modernizing Network Automation: Embracing Cloud-Native Excellence for
Scalable Automation Platforms - Diana Appanna & Srivatsa Srinivasa, Nokia
CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101A
(event/1mVS8/modernizing-network-automation-embracing-cloud-native-
excellence-for-scalable-automation-platforms-diana-appanna-srivatsa-
srinivasa-nokia?iframe=yes&w=100%&sidebar=yes&bg=no)

○ What's New with etcd, The Backbone of Kubernetes: Project Updates and New
Features - Arka Saha, VMware by Broadcom
CONVENTION CENTRE | LEVEL 4 | ROOM 404
(event/1mpDd/whats-new-with-etcd-the-backbone-of-kubernetes-project-
updates-and-new-features-arka-saha-vmware-by-broadcom?
iframe=yes&w=100%&sidebar=yes&bg=no)

○ A Debugging Journey from Coredns to Coreutils - Akhil Mohan & Humble

A Debugging Journey from Coredns to Coreutils - Akhil Mohan & Humble Devassy Chirammal, VMware by Broadcom

CONVENTION CENTRE | LEVEL 2 | ROOM 201

(event/1mVSC/a-debugging-journey-from-coredns-to-coreutils-akhil-mohan-humble-devassy-chirammal-vmware-by-broadcom?
iframe=yes&w=100%&sidebar=yes&bg=no)

A Deep Dive Into the Current Runtime Security Landscape - Ankur Kothiwal, CERN

CONVENTION CENTRE | BASEMENT LEVEL | ROOM B101B

(event/1mVS9/a-deep-dive-into-the-current-runtime-security-landscape-ankur-kothiwal-cern?iframe=yes&w=100%&sidebar=yes&bg=no)

🧑 Peer Group Mentoring

CONVENTION CENTRE | LEVEL 2 | ROOM 202

(event/1qA4O/peer-group-mentoring?
iframe=yes&w=100%&sidebar=yes&bg=no)

Tutorial: Flatcar Container Linux Deep Dive: Deploying, Managing, and Automating Workloads Securely - Sayan Chowdhury, Microsoft

CONVENTION CENTRE | LEVEL 3 | ROOM 305

(event/1mVSE/tutorial-flatcar-container-linux-deep-dive-deploying-managing-and-automating-workloads-securely-sayan-chowdhury-microsoft?
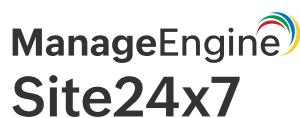
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