Bhanu Chandra

Technical Architect

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Result oriented profession with 18+ years of proven expertise in cloud platform architecture, networking, telecom and AI/ML product development. Demonstrated ability to drive complex technical initiatives from conception to market delivery while leading cross-functional teams. Combines deep technical acumen with strategic business insight to deliver scalable solutions that drive organizational growth and innovation.

EXPERIENCE

Aarna Networks, Bangalore — **Technical Architect**   2020 - Till date

- Led product development initiatives with end-to-end responsibility for system architecture and design decisions for cloud-native platforms supporting AI infrastructure and RAN deployments.
- Provided technical leadership and governance, mentoring team members and enforcing design/code best practices.
- Conducted strategic technical evaluations and proof-of-concepts to assess emerging technologies for integration into product roadmap to drive innovation.
- Designed scalable system architecture for RAN and AI infrastructure integration and Implemented comprehensive monitoring and observability solutions

Western Digital, Bangalore — **Principal Engineer**   2015 - 2020

- Developed the ActiveScale Cloud Management and Data Analytics Platform, enabling large-scale data storage and insights.
- Built and maintained RESTful APIs to support analytics workflows and cloud service integration. Performed data analysis and processing on the Hadoop ecosystem
- Led development team in building critical AI/ML model deployment infrastructure for global manufacturing facilities, enabling real-time decision making with sub millisecond latency.
- Established data analytics framework supporting real-time insights.

Aruba Networks, Bangalore — **Member Technical Staff**   2013 - 2015

- Contributed to the design and development of Aruba Central, a cloud-based Wi-Fi management solution managing thousands of access points across enterprise deployments globally.
- Collaborated on product design and implementation of core features. Enhanced switch support modules and core networking features, improving system scalability.

Netscout R&D, Bangalore — **Lead Engineer**   2009 - 2013

- Core development team member for ground-up network monitoring product development, achieving successful market launch.

Cognizant, Bangalore — **Programmer Analyst**   2006 - 2009

- Delivered multiple high-impact software solutions for enterprise clients eBay and StubHub, supporting millions of daily transactions.

SKILLS

Programming Languages:
Golang, Java, Python

Cloud & Infrastructure:
Kubernetes, Docker, Terraform, Ansible, Cloud-Native Architecture

Databases:
PostgreSQL, MySQL, MongoDB, Cassandra, Redis

Messaging & Streaming:
Apache Kafka, RabbitMQ

AI/ML Infrastructure:
Ray, VLLM, KubeRay, NVIDIA GPU, AI Training & Inference

Monitoring & DevOps:
ELK Stack, Prometheus, Grafana, Jenkins, CI/CD Pipelines

Networking & Telecom:
O-RAN, SMO, 5G-RAN, Network Management Systems

Web Technologies:
GoGin, Spring Framework, Hibernate, Flask, RESTful APIs

EDUCATION

B.Tech, JNTU Hyd

M.Tech , JNTU GV

Awards

SCJP, SCWD

OneSummit speaker

Technical Conferences

TECHNICAL PROJECTS

TECH STACK

Aarna

GPU cloud management software & GPU marketplace
Enables GPU-as-a-service providers to build AI clouds, empowering a transition from static GPU rentals to fully dynamic, multi-tenant, and on-demand infrastructure. It discovers the hardware, create networks, deploy os and create vms, kubernetes and provides a platform to deploy ai/ml workloads.

Golang, kubernetes, GPU, AWS, cloudnative, AI/ML model training and deployment, Nvidia Reference Architecture

AMCOP SMO
AMCOP offers Service Management and Orchestration (SMO) solutions for O-RAN deployment use cases. The project follows the specifications provided by O-RAN alliance Working Groups.

Java, networking,O-RAN, DU, CU, O-RU, Telecom

WD - Data Analytics and Activescale

Active Scale is object storage that is scalable, accessible and stores petabytes of data and can scale up linearly. Activescale Cloud Management is analytics platforms for activescale systems.

Data Analytics platform enables deployment of AI/ML models at distributed factory locations for real-time decision making of hardware disks failures.

Java , kafka, splunk Python, Big Data, hadoop, ETL, Object storage

Aruba - Cloud Central

cloud networking solution and orchestration platform. provides a single point of control to oversee all aspects of wired and wireless networks. Manages all the access points and switches.

Python, Flask, sqlalchemy, rabbitmq, cassandra, protobuf

Netscout - nEI
nGenius Enterprise Intelligence is advanced application analysis which can help users to troubleshoot enterprise applications in detail. It shows the performance metrics of various deployed protocols in networks and it analyzes Extended Data Records (xDR)

Java, spring, networking, enterprise protocols, voip

Cognizant - ebay & stubhub
Its online marketplaces with buyers and sellers. Stubhub primarily for the ticketing space where complete revamp of tech stack. Ebay certain buyer enhancements.

Java, spring, hibernate, oracle