

14+ years of experience in Product Development. Passionate about learning new technology and apply them correctly to solve different problems.

WORK EXPERIENCE

PRINCIPAL ENGINEER

Mobileum India Pvt Ltd [04/2021 – Present]

Achievements / Tasks

- Designed and developed cache layer between application and DB (Couchbase).
- Initiated and Setup lab for 5G Core / RAN (open5Gs and ueRANsim)
- Dockerization of DRA and MMService
- Design and development of 5G Proxy

STAFF SOFTWARE ENGINEER

A10 networks [08/2015 – 03/2021]

Achievements / Tasks

- Enhanced nginx connection pool manager for reusing TCP connection for HTTP.
- Designed and developed distributed configuration auditor.
- Design and develop storage as service for internal micro-services.
- Design and develop DB as service for internal micro-services.
- Design and develop import/export configuration feature.
- Log Collector Re-Design

STAFF SOFTWARE ENGINEER

IBM (ISL) [08/2011 – 07/2015]

Achievements / Tasks

- Integration of uDAPL 2.0 library with AIX for RDMA programming.
- Simulation of high-end customer like setup for inhouse reproduction of bugs.
- Bug fixing in Base OS (AIX)

SENIOR SOFTWARE ENGINEER

Brocade Communications [03/2011 – 08/2011]

Achievements / Tasks

- Implemented XML APIs for network switch configuration.

SENIOR SOFTWARE ENGINEER

Sony [06/2010 – 02/2011]

Achievements / Tasks

- Design and development of CDS service and integrated with HTTP streaming service.

SENIOR SOFTWARE ENGINEER

Samsung [10/2009 – 05/2010]

Achievements / Tasks

- Designed and developed multimedia DMS (Digital Media Server)
- Designed and developed CDS service.

SENIOR SOFTWARE ENGINEER

TATA Elxsi [08/2007 – 09/2009]

Achievements / Tasks

- Designed and developed DMS (Digital Media Service)
- Designed and Developed CDS(Content Directory Service) with SQLite.
- Implemented mini version of HTTP/1.1

SKILLS

Java C Microservice Distributed Computing
Kubernetes Docker REST API HTTP TCP UDP
Operating System Multithreading System Design
Data Structures Algorithm ElasticSearch AWS
Netflix Conductor Kafka Ceph Linux GCP
Couchbase Cassandra SQLite Remote DMA
5G Core N/W Architecture Socket Programming

STRENGTH

- Quick learner and implementer of new technology.
- Worked in start-up (**Appcito network- acquired by A10 network**) environment with multiple important design and delivery.
- Always willing to take responsibility and work beyond own area of expertise.
- Very good understanding of microservice orchestration.
- Good understanding of OS concepts.

EDUCATION

Bachelor of Engineering in Computer Sc & Engineering

Dibrugarh University

ACHIEVEMENT

- IBM Eminence and Excellence Award 2014 for contributing in multiple areas beyond own work area.
- IBM Outstanding Contributor Award 2014 for extraordinary impact on IBM and its clients.

AREA OF INTERESTS

- Parallel Computing
- Micro-Processor Architecture
- Multi-Core Architecture
- Distributed Computing