# **BHADRA DEKA**

# **Principal Engineer**

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

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## **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.

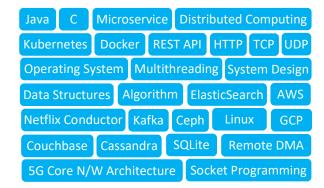
#### SENIOR SOFTWARE ENGINEER

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**



## **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