

## SUMMARY:

- A dynamic professional with around 14+ years of versatile experience in Software Development
- Experience in mentoring teams during feature implementation
- Excellent experience in designing and architecting modules/features.
- Very strong analytical, problem solving and debugging skills. This enables me to quickly learn new technologies and frameworks.
- Strong knowledge of algorithms, data structures with excellent programming skills in various programming language
- Strong experience in handling customer escalations.
- Very good experience of Agile, Scrum and TDD development methodology.
- Quick in learning and adjusting to new technologies and tools.

## SKILLS:

- **Programming Language:** Java, C++, Python, REST Web services, Junit
- **CNCF Framework/Technologies:** Microservice, Docker, Grafana, Liquibase
- **Database:** Oracle, PostgreSQL
- **Network Protocols:** SYSLOG, Netflow V9/V10, IPFIX, GTP, FTP, SFTP, SNMP,SMTP,RADIUS
- **IoT Protocols:** MQTT,CoAP,HTTP2
- **Tools/Technologies:** Git, SVN, Tomcat
- **Operation Systems:** Windows, Linux
- **Domains:** Telecom, Investment Banking – Capital Markets, Industrial Automation

## STERLITE TECHNOLOGIES LTD

July 2013 – Present

### ***Role: Technical Lead***

#### **Products:**

##### **Charging Gateway Function (CGF)**

Charging Gateway Function (CGF) is a 3GPP and GTP' compliant offline charging solution for packet switched (GPRS) data records. CGF listens on UDP port to GTP' messages sent from the GGSN or SGSN streamed through Ga/Gz interface. CGF is responsible for Collection, Validation, Reformation, Enrichment, Filtration, File management and distribute files to Billing Domain.

**Technologies:** Core Java, Multithreading, File IO/NIO

##### **Mediation**

Mediation is an offline solution to convert/normalize data of certain types like call detail records or event detail records to required formats. Mediation Server is responsible to collect, parse filter, enrich and consolidate data as per business requirements and distribute to downstream like Database, Rating & Charging, Billing, RAFMS etc.

**Technologies:** Core Java, Multithreading, File IO/NIO

##### **IPLog Management System (IPLMS)**

IP Log Management system offers Telco's a web based system which is responsible to capture and store all logs generated by Carrier Grade NAT system which are in form of Syslog/NATFlow V9/NATFlowV10/IPFIX. Also it gives complete information of the suspected user from the web-portal. The investigation team can intercept and monitor on-going events in near real-time or in threat management.

**Technologies:** Core Java, Socket Programming, Multithreading,

**Responsibilities:**

- Design new modules in product and implement new functionalities with high level of sustainability, performance and abstraction using Java and related technologies.
- Design and develop solutions to resolve management problems for unstructured data.
- Redesign existing modules to get the best solution to achieve good quality, scalability and performance.
- Work on customer escalations.
- Work with PM/TPM to do POC at customer environment to help them understand new features.

**Tools/Technologies:** Core Java, Python, Selenium, Design Patterns, REST, Data Structures, Docker

**Achievements:**

- Got the award for implementing best solution for Vodafone India
- Award received for first implementation of product on **Kubernetes** platform
- Increased data processing throughput from 50K TPS to 1M TPS
- Multiple awards received for IPLMS product

**Accenture**

Mar 2011 - July 2013

*Senior Software Engineer*

Project: Energy/Commodities Trading (Endur/Athena)

**Responsibilities:**

- Redesign existing modules to get the best solution to achieve good quality, scalability and performance.
- Architecting new or existing features of the product and implementing backend logic of the features to achieve high level of performance and abstraction.
- Understand the current and upcoming use cases of the investment banking domain and suggest new features in the product.
- Quickly debug and fix customer escalation and high priority defects.

**Tools/Technologies:** Core Java, Python, Endur, Athena, IBML, Data Structures, REST, Selenium

**Achievements:**

- Got numerous client awards and recognitions.
- Got Hall of Fame Award
- Got Best Mentor Award

**TATA CONSULTANCY SERVICES LTD**

December 2010 – March 2011

*IT Analyst*

Project/Product: OAM – Ericsson

**Responsibilities:**

- Understanding and redesigning modules based on the use cases and based on the network element emerging technologies.

**Tools/Technologies:** Core Java

**Domain:** Telecom

**PATNI COMPUTERS LTD**

February 2010 – December 2010

*Senior Software Engineer*

Celerra Storage/Unisphere – EMC2

MES (Maintenance Engineering System) - TOSHIBA

**Responsibilities:**

- As an application engineer here I write a code of the business logic of some of the module of application using language Core Java.

**Tools/Technologies:** Core Java, Swing

**ELITECORE TECHNOLOGIES PVT LTD**

February 2008 – February 2010

*Software Engineer*

Product: Crestel Mediation

**Responsibilities:**

- As an application engineer here I write a code of the business logic of some of the module of application using language Core Java.

**Tools/Technologies:** Core Java

**ELEGANT MICROWEB TECHNOLOGIES PVT LTD**

November 2006 – January 2008

*Programmer*

Project/Product: Snipitron

Project/Product: ElegantJ BI( Business Intelligence )

Project/Product: RegiClean ( Registry Cleaner )

- As an application engineer here I write a code of the business logic of some of the module of application using language Core Java.
- Actively involved in the manual software testing.

**Tools/Technologies:** Core Java, VC++

**EDUCATION:**

Bachelor of Information Technology - 2006