

4313 Rowalt Drive, 101  
College Park, Maryland, 20740

**SHISHIR**

240-565-9813 | [shishir1@umd.edu](mailto:shishir1@umd.edu)

Linkedin: [bit.ly/Shishir0](https://bit.ly/Shishir0)

## **EDUCATION:**

**Master's in Software Engineering**, University of Maryland, College Park, MD, **GPA: 4.00** Expected May 2021

- Data mining and Machine learning | Software design and implementation | Software engineering

**Bachelor of Technology in Computer Science & Engineering**, KIIT University, India May 2013

- GPA: 8.37/10 (ranked 22<sup>nd</sup> in the batch of 254)

## **TECHNICAL SKILLS:**

- **Programming language:** Java, JavaScript(ECMAScript 5 and 6), Python, SQL, HTML5, CSS, R-Programming
- **Framework and Libraries/tools:** Ember.js, Angular, Spring Boot, Hibernate, Micro-services, Docker, Json, Kafka, REST APIs, Cassandra, J2EE, Maven, SCRUM, Agile, Android SDK, ADF, MySQL, Junit, Git

## **TECHNICAL EXPERIENCE**

*Software Engineer 2A – Ciena, Gurgaon, India*

Oct 2016 – July 2019

**JavaScript, Python, Ember.js, Micro-services, Kafka, Cassandra, Docker, HTML5, CSS, REST APIs, JSON, Git, Agile JIRA**

- Designed and led the User Interface team for developing 3 applications in the front-end micro service.
- Designed and implemented new visual components including graphs for alarm and performance monitoring application of the remote network element.
- Collaborated with the architecture team to develop the design of the front-end micro-service to effectively and efficiently communicate with all (22) the back end micro-services.
- Developed the Resource Adaptor to communicate with the 3<sup>rd</sup> party hardware and processed the received data to comply with the existing architecture.
- Ramped up on the legacy system and revamped multiple features from Java spring to JavaFx for better performance handling.
- Designed a web-based solution to help customer run the legacy Java desktop application on browser.

*Senior Software Engineer – Aricent Technologies, Gurgaon, India*

Feb 2014 – Sep 2016

**Java, ADF, J2EE, Android services, HTML5, Maven, Clear case, Bugzilla, HPQC, SVN, Spring, MySQL, Junit**

- Implemented the provisioning feature for multiple SIM support in the VVM (Voice, Video and Message) Android client.
- Worked on IMS stack and its communication with the android service layer via JNI to handle the Voice, Video and Messages on the network.
- Devised the state machine in Android SDK to manage SIM profile during network switch and other events.
- Made POCs on Oracle ADF to explore customer UI requirements and implemented those along with filtering, tracking user data and saving search history.

## **PROJECTS:**

**ELMS (Enterprise Learning Management System) for fitness (in progress)**

[Github](#)

- Developing an ELMS system for Yoga, aimed to lure in top notch UI using Angular 8 and Bootstrap. The application would also leverage Machine learning to optimize user preferences and recommendations.

**Creating UI on the Fly**

- Decoupled the tightness between the UI and its business logic by dynamically creating components on the fly using XML.

## **AWARDS:**

- Bronze award, July 2017 and May 2018, at Ciena: For displaying ownership and timely delivery.
- WOW award, 2016, at Aricent: For excellent commitment and quality delivery.
- Annual ACE award, 2015, at Aricent: For extensive hard work and top performance.