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SHISHIR

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EDUCATION:

Master's in Software Engineering, University of Maryland, College Park, MD 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 22nd in the batch of 254)

SKILLS:

- **Language and technologies:** Java, JavaScript, Ember.js, AngularJS, Python, HTML5, CSS, Micro-services, Docker, Json, Kafka, Rest APIs, Cassandra, R-Programming, Android SDK, ADF 11.X, Spring, MySQL
- **IDE, tools and frameworks:** J2EE, Maven, SCRUM, Agile, Jenkins, Junit, IntelliJ IDEA, Pycharm, Webstorm, Android studio, JDeveloper, Eclipse, Weblogic server, SqlDeveloper
- **Versioning and issue tracking tools:** Git, SVN, Clear case, Perforce, Product and Agile JIRA, HPQC, Bugzilla

TECHNICAL EXPERIENCE

Software Engineer 2A – Ciena, Gurgaon, India Sep 2018 – July 2019

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

- Led the User Interface (UI) team for the front end microservice development.
- Completed multiple visual components in alarm and performance monitoring of network elements.
- Collaborated with the architecture team to develop the design of the front-end and the end-to-end communication among services.
- Developed the Resource Adaptor for interaction with 3rd party network element.

Software Engineer 1B (Software Engineer) – Ciena, Gurgaon, India

Oct 2016 – Aug 2018

Java, J2EE, REST APIs, Maven, Linux, Perforce, HPQC, Product JIRA

- Ramped up on the legacy system within the given deadline.
- Implemented multiple features in Performance area.
- Designed a web-based solution to help customer run the legacy 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) client.
- Worked on IMS stack and its communication to the android service layer via JNI.
- Devised the state machine to manage SIM profile states during network switch, calls and other events.
- Made POCs on ADF (Application Development Framework) to explore customer UI requirements.
- Implemented components based on customer requirements to filter, track user data and save search history.
- Analyzed requirements and wrote Interface specification for GSM-R feature of the BTS manager.

PROJECTS:

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

- Developing an ELMS system for Yoga, aimed to lure in top notch UI using Angular Material.

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.