**BHARATHI VIRODHULA**

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**OBJECTIVE:**

Seeking for a challenging career which provides continuous learning and professional growth along with job satisfaction and to give value contribution in the success of the organization.

**WORK EXPERIENCE:**

* **Jan 1st, 2019 - Present:** Working as a “Software Engineer” at “Kore.ai Software India Private Limited”. Working on the technologies nodejs, mongodb, prestodb, elasticsearch as a Backend developer.

***Worked On:***

* **Components Upgrade** : upgraded components Node.js, Mongodb, Rabbitmq and Nginx to the latest stable versions and made version compatible changes to the code.
* **Prestodb and Data Migration** : Introduced a new component “prestodb” (distributed SQL query engine). Migrated the analytics data from elasticsearch to mongodb. and added mongodb as a data source to the presto. and changed the queries to presto to get better performance on aggregations.
* **Real time Dashboard** : Implemented a Real time dashboard to show the active counts based on the dimensions and metrics.
* **Metatagging** : Bot developer ability to add meta tags at different levels to know the end user interests.
* **May 28th, 2018 - Dec 31st, 2018:** Worked as an “Associate Engineer” at “Kore.ai Software India Private Limited”. Worked on the technologies nodejs, mongodb, elasticsearch as a Backend developer.

***Worked On*** *:*

* **Failure Management** : Provided alternatives and proper messages to know the failure reasons for bot developers.
* **Analytics and Dashboard** : Prepared the data reports by going through the data sources and data logging areas. Got to know about the elasticsearch and worked on the analytics and dashboards.
* **Production/Migration Scripts** : Wrote the mongo scripts to get the entities data(type of inputs used) on production environment and also wrote the node & mongo scripts to perform enriching and migrating data.
* **Feb 19th, 2018 - May 22nd 2018:** Worked as a “Software Engineer” at “Opentext Technologies India Private Limited”. Worked on the product “xECM with SAP” as a QA.
* **Agile (Scrum)** : Learned about the Scrum.
* **xECM with SAP** : Worked on the xECM(Extended Enterprise Content Management) with SAP product.
* **Aug 28th, 2017 - Feb 9th 2018:** worked as an “Engineering Intern” at “Opentext Technologies India Private Limited”. Worked on testing Automation using selenium webdriver with Java.
* **Content Server UI** : Wrote automation testcases to test the UI of the Content Server(Opentext’s product). and also stabilized the testcases to work on chrome, firefox and Internet Explorer browsers as well.

**ACADEMIC QUALIFICATION:**

* **B.Tech (Computer Science Engineering), Pragati Engineering College, Surampalem**

Percentage : 81.65% (2014-2018)

* **Intermediate (MPC), Sri Chaitanya Bharathi Arts & Science Junior College, Kakinada**

Percentage: 93.0% (2012-2014)

* **SSC, Yarlagadda Akkiraju Municipal High School, Samalkot**

CGPA : 9.7 (2011-2012)

**PROFESSIONAL SKILLS:**

* Tech stack: C(proficient), Node.js(prior experience), Mongodb(prior experience), Prestodb(prior experience), Mysql(proficient), Elasticsearch(prior experience), Python(Intermediate), Java(Intermediate), C++(Basic) and Selenium(prior experience).

**ACADEMIC PROJECTS:**

* **Azure and IOT Project :** Smart bin (Real time monitoring of dustbins using IoT).
* **Debugging Portal :** Developed and Successfully launched a portal for the event “Code-Debugging” for our college Technical Symposium ‘STRIDES-2K17’.
* **Web Application using Django :** Todo List full stack web application using Django Framework.

**ACADEMIC ACHIEVEMENTS:**

* Successfully completed the **Mission R&D Program.**
* Participated in National Level **Smart India Hackathon 2017** held at Coimbatore and successfully submitted the **Smart bin** project under **Ministry of Environmental and Forestry.**
* Won Mandal 2nd Prize in 10th Class Talent Test conducted by SFI & UTF in2011.
* Selected in National Means-cum-Merit Scholarship Scheme Examination (NMMS) in 2009.

***Certification Courses:***

* Certification course on **IoT**.

**EXTRA-CURRICULAR ACTIVITIES:**

* Main coordinator for **Debugging** event in **Strides**(A technical symposium of Pragati Engineering College).

***Workshops:***

* Attended a one week workshop on **“Ethical hacking”**conducted by **Byodbuzz** and secured **94%** in the test conducted by **EC Council.**
* Attended a two days workshop on **“IoT with Cloud”** held at **Pragati Engineering College**, Surampalem.
* Attended workshop on **Mobile App Development** held by **Andhra Pradesh State Skill Development Corporation.**

***Others:***

* Rotaract member.
* Won Prizes in Handball, Netball held by Secondary Schools Athletic Association Tournament East Godavari District Zonal in the years 2009, 2010 and 2011.
* Participated in Inter School Competition.