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SUPREETH JAVALLI

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EDUCATION

Arlington City, TX	University of Texas at Arlington	May 2019
<ul style="list-style-type: none">Master of Science in Computer Science GPA: 3.3		
Karnataka, India	Visvesvaraya Technological University	May 2015
<ul style="list-style-type: none">Bachelor of Engineering in Computer Science GPA: 3.6		

EMPLOYMENT

Graduate Research Assistant	University of Texas, Arlington, USA	July 2018 - Present
<ul style="list-style-type: none">Designed, Developed and maintaining the official website of the Office of International Education UTA (https://www.uta.edu/oie) using PHP, JavaScript, Bootstrap, HTML5, CSS3, REGEX.Developed solutions for solving complex/unique problems related to security vulnerability management in the University website.Worked on Optimizing and tuning of batch jobs for timely generation of student data report which helped to improve the process efficiency by 25%.Prioritized tasks and implemented tools using Python, JavaScript, HTML5, CSS3, JIRA, REST to provide continuous analysis of security threat information.		
Software Engineer	Tata Consultancy Services, Bangalore, India	August 2015 – September 2017
<ul style="list-style-type: none">Worked on complete life cycle of product development: Design, Development, Test, Deployment & Monitor web applications using Spring MVC, Hibernate ORM, JAVA, JSP, J2EE, Oracle and UI resources with HTML5, CSS3, Bootstrap, JavaScript.Developed scalable REST agile web application primarily with an AngularJS front end sitting atop a RESTful Java service architecture.Designed and wrote PL/SQL scripts for batch processing and weekly CRON jobs.Led a group of 4 members for an automation Change Request, involving more than 12 daily data loading jobs.Worked with customers on critical issues and solicited feedback on the existing products through Agile methodology.Participated in scrum meetings, sprint planning, release and deployment.Mentored new joiners in the team both in technical and interpersonal skills.		

LANGUAGES AND TECHNOLOGIES

Programming Languages: JAVA, C, C++, Python, C#, PHP

Web Technologies: Spring Framework, Hibernate, REST, JavaScript, NodeJS, HTML5, CSS3, Bootstrap, AngularJS, AJAX, JSON, XML, Flask

Databases: Oracle, MySQL, MongoDB

Cloud Technology: AWS (EC2, Memcache, RDS, S3, ELB, Auto-Scaling), Microsoft Azure

Tools: JIRA, Windows, Unix, Git, Eclipse, PyCharm, Apache Tomcat, Maven, ANT, FindBugs, Android Studio, Visual Studio, RAD, Dreamweaver

PROJECTS

Cloud Photo Utility (AWS, EC2, RDS, S3, Auto scaling, Memcache, Apache JMeter, Python, Flask)

- Developed a utility where a logged in user can create an album, upload photos, rate and view them using Amazon AWS.
- Stress tested the application by loading the ELB and spurred multiple EC2 instances using Apache JMeter.

Task Scheduler System (Red-Black Trees Data Structure, JAVA, Eclipse)

- Developed a JAVA application where Completely Fair Scheduler algorithm is used to ensure that each process/task which is active gets fair access to the CPU.
- Application involved the data structures like Red Black Tree and Heap (min heap) for implementing this algorithm and a comparison is made between Red Black Tree and Heap.

A Car Rental Web Application (Spring MVC, JAVA, HTML, CSS, JavaScript, SQL)

- Designed and developed a web application for keeping track of information about a Car rental company and Customer management.
- Development process involved Requirement Gathering, Design, Code, Unit Test, System Test, Deployment and Monitor.

Online Hackathon Tool (HTML5, CSS3, Bootstrap, JavaScript, AngularJS, NodeJS, MongoDB):

- Developed an online web application portal where user can register and submit their project and access essential information related to hackathon on any device.

ACHIEVEMENTS & CERTIFICATIONS

- Received recognition award by TCS for outstanding performance throughout the year 2016 -17 in May 2017.
- Oracle Certified JAVA Professional.