Manideep Reddy Gillela

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OBJECTIVE

To obtain a full-time position in the field of Information Technology

EDUCATION

Stevens Institute of Technology, Hoboken, NJ May 2019
Master of Science in Computer Engineering | GPA: 3.6
Coursework: Engineering Programming in Python & Java, Design & Analysis of Network Systems, Web Mining, Pattern Recognition & Classification, Computer Organization and Programming, Real-time & Embedded Systems, Digital and Comp Sys Architecture

Osmania University, Hyderabad, India May 2017
Bachelor of Engineering in Electronics and Communication Engineering | Cumulative Percentage 77%

TECHNICAL SKILLS

Programming: Python, Java
DevOps Tools: GIT, Jenkins, Docker, Chef, Basics of Puppet
Networking Protocols: TCP/IP, UDP, DNS, DHCP, HTTP, ICMP, HTTPS
Web Technologies: HTML, CSS, Bootstrap, JSON
OS & Cloud Platform: Linux (Ubuntu), Windows, Amazon Web Services
AWS Technologies: EC2, S3, Route53, CloudFormation, ECS, EKS, CodePipeline, CodeDeploy, CodeCommit

CERTIFICATIONS

- **AWS Certified Solutions Architect Associate, 2018**
- **AWS Certified Developer Associate, 2018**

EXPERIENCE

Systech International, Princeton, NJ June 2018 – August 2018
Global Services, IT- Intern

- Re-designed Sharepoint based scheduler application for large chain of events using responsive UI features
- Improved application efficiency, utilized Day Pilot scheduler in AngularJS
- Automated time-consuming reporting processes using Microsoft InfoPath forms
- Built mobile application enabling field engineers to update Sharepoint database using Microsoft PowerApps

PROJECTS

Independent Projects

Webapp by Jenkins and Docker November 2018

- Deployed a web application on Docker through Jenkins using "publish-over-ssh" plug-in
- Configured Jenkins and Docker on AWS ec2-instances
- Built and tested the code on Jenkins, sourced from git
- Wrote a docker file to create a docker image of apache web server
- Executed commands through Jenkins to run docker container with apache from docker image

Apache by Chef November 2018

- Configured chef-workstation and node servers on AWS ec2-instances
- Created cookbooks and wrote recipes to configure Apache web server
- Wrote required attributes and templates for recipe
- Deployed multiple custom home pages on multiple ports

Academic Projects

Good for Kids Prediction for Yelp Data Using Python October 2018 - November 2018

- Built a predictive model with ~80 percent accuracy using Python
- Scraped data for 50000 restaurants using selenium webdriver
- Performed text mining on the extracted data to label each restaurant whether it is good for kids
- Classified using Naive Bayes and Grid search algorithms and predicted accuracy

Robot Boat October 2017 - November 2017

- Employed Java to generate a simulation boat to calculate the latitudes and longitudes between user specified points
- Designed a virtual boat consisting various components using Java swing and abstract window tool kit (AWT)
- Implemented a graphical user interface (GUI) to simulate the boat

Available June 2018.