SRI RACHANA ACHYUTHUNI

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SUMMARY

Computer Science graduate student with 2 years of work experience in the field of Cloud Computing, Distributed System, development of Web Applications. Looking for full time opportunities starting from May 2021.

EDUCATION

Master of Computer Science, Rochester Institute of Technology, Rochester, New York — Expected May 2021

Bachelor of Technology, Computer Science, Amritha School of Engineering — July 2013 - May 2017

SKILLS

Languages	Java, Python, HTML, CSS, JSON, YAML
Databases	PostgreSQL, MongoDB, MySQL
Other Technologies	Git, Ansible, Docker, AWS Services

EXPERIENCE

Graduate Technical Assistant — Jan 2020 - Present
Rochester Institute of Technology

- Managed and maintained applications, servers and networks of the Computer Science Department.
- Developed a CS Wiki Web Application using HTML, CSS. Hosted on a virtual server.

Cloud Support Engineer — June 2017 - August 2019
Amazon Web Services, Inc., *Bengaluru, India*

- Built a python module to test Macros feature in CloudFormation.
- Assisted customers continuously develop and deploy applications on Amazon Cloud

Developer Intern — Jan 2017 - June 2017
Scripbox India Pvt. Ltd. *Bengaluru, India*

- Developed an application using Ruby on Rails to send SMS and emails to users on events published in Redis.
- Deployed this application using Docker and Ansible.

CERTIFICATIONS

- AWS Certified Solutions Architect Associate
- Certified in Core Java from National Institute of Information Technology

PROJECTS

Intelligent Journal and Mood Tracker — August 2020 - December 2020
Python, Artificial Intelligence - CNN, LSTM

- Application which allows the user to chronicle their day-to-day thoughts
- Analyze the text present and tone of the voice to predict the mood and offer appropriate solutions.

Implementation and Evaluation of SWIFT — May 2020 - July 2020
Python, Networks, Virtual Machines

- Implementation of BGP and SWIFT algorithms using Python on virtual machines.
- Comparison and evaluation amongst the two routing algorithms to showcase that SWIFT is faster for rerouting during network outages.