

EMPLOYMENT**Engineer, Commvault | New Jersey, United States****Jul. 2018 - Present**

- Automate testing of exchange mailbox agent and teams agent to backup, restore, archive exchange mailbox data using Python and Powershell Scripts.
- Create Restful web services which facilitate in the backups and restores of different objects. Make changes to UI for these newly created web services. Fix bugs in the existing code in the UI and the backend to make the product free of errors and more user friendly.

Associate System Engineer, Tata Consultancy Services(TCS) | Bangalore, India**Aug. 2014 – Mar. 2016**

- Responsible for development of applications for external clients of TCS-Bangalore to support business operations using Java, Jsp Servlets, Spring, HTML, Javascript, Angular Js.
- Comanaged development and customization applications for TCS – Bangalore internal clients to launch various applications including TCS Sangham, and Striders app – fitness app for TCS Bangalore employees.

Web Developer – Intern, IndiaReads | Noida, India**Dec. 2013 – May 2014**

- Implemented a fully functional eCommerce website from scratch for the company using PHP resulting in 12000 visits on the day of launch (www.indiareads.com) and a bookrental portal for Indiareads which allowed the students to rent books at Kota, India.

EDUCATION**M.S. Computer Science, University of Florida | Gainesville, Florida****May 2018**

Coursework: Advanced Algos, Advanced Data Structures, Advanced Database Systems, Computer Network and Security, OS Concepts, PLP

B.E. Computer Science, Manipal Institute of Technology | Manipal, India**May 2014**

Coursework: Algos, Data Structures, Database Management Systems, Computer Networks, OS Concepts, Programming Language Principles

PROJECTS**Event Logger for Windows | New Jersey | Python****Dec. 2019 – Jan. 2020**

- Created an event logger application that will capture and log the different applications being used, the duration of the application, and the category to help me understand how I spend time on my laptop to improve productivity.
- Also somewhat captures browser history by reading the title of the active tab.

Automating AWS Instance and bucket creation | Gainesville, Florida | Python**Feb. 2018 – Feb. 2018**

- Created an automated system using Python and BOTO3 for creating an AWS instance profile, attaching roles to that profile, creating a VPC and a security group, and a linux EC2 instance.
- Launching EC2 instance and mounting a S3 bucket to which files can be uploaded and deleted.
- Logged the performance of uploading/deleting files.

Dynamic DeBruijn Graph, UF | Gainesville, Florida | C**Nov. 2017 – Dec. 2017**

- Created a Dynamic DeBruijn graph that can be used to store the genetic information of a living being. Improved the space required to store such a graph by almost 50%.

Java Compiler | Gainesville, Florida | Java**Oct. 2017 – Nov. 2017**

- Built a java compiler that would parse a java program, check for errors if any, and generate a Java bytecode for the program

Huffman Encoder, UF | Gainesville, Florida | Java**Feb. 2017 – Apr. 2017**

- Implemented a huffman encoder and decoder to encode, send, receive and decode video streaming data from one server to another.
- Compared implementations with binary heap, four way cache optimized heap and pairing heaps as data structure choices.

Cloud Enabled Temperature Sensor, UF | Gainesville, Florida | C**Sept. 2016 – Nov. 2016**

- Implemented a cloud enabled location-based temperature sensor acting as an IOT device by making changes to the Xinu OS.

AWARDS AND RECOGNITION**Youth Talent Award | TCS – 2015:** Honored with best talent award amongst all employees who joined the company in 1 year.**TATA Appreciation | TCS – 2015:** Provided with appreciation award by TATA – Titan CEO for development of TATA Bangalore Sports app.**Third Runner Up, Commvault Hackathon | Commvault- 2018:** Finished at 4th place amongst 20 teams at Commvault Hackathon**Micromax Hackathon Winner | Bangalore, India – 2015:** Won Micromax 2015 Hackathon at India.**LANGUAGES AND TECHNOLOGIES****Languages:** Java, Javascript, HTML, CSS, Python | **Prior Experience:** Android, AngularJs, C#, PHP | **Familiar:** MySQL, Powershell Scripts**Technologies:** Eclipse, Android Studio, Visual Studio