# Lakshminarayana Reddy Padarthi

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## Professional Summary

Observing and adapting to latest technologies and trends in full stack development. Experienced and qualified developer with a wide range of tools and programming languages.

## Education

**M.S in Computer Science**                                              (Fall 2018 – Spring 2020)

University of Alabama in Huntsville, AL

**B.Tech in Information Technology**                                     (Fall 2014 – Spring 2018)

Loyola ICAM College of Engineering and Technology, India

## Experience/Projects

Full-Stack Developer Intern, **Conserv**                                 (Aug 2019 - Nov 2019)

- Designed an application using ReactJS that consumes RESTful API from the AWS timestream and creates graphs using react graphs.
- Actively participated in multiple client interactions to gather requirements and feedback.
- Worked on multiple visualisation tools like powerbi, google analytics - looker, spark and splunk.

**Clustering of Electricity and accessing data**                        (Nov2017 – Mar 2018)

- Designed an interface using Hadoop framework for consumption of electricity data and improving its performance.

**Online event management system**                                      (Jan 2019 – Apr 2019)

- Designed a database structure using MySQL for the event management system
- Designed a web interface using PHP, JavaScript, JQuery and HTML5 that consumes the data and displays it to the user.

**Online Live COVID-19 tracker**                                        (Mar 2019- Apr 2020)

- Designed and developed a website using MERN stack for live updates for COVID across countries.
- Displayed the stats of confirmed cases, recovery and deaths through chart.js for the searched country.
- Created a blog that can be edited through admin login using Editor.js.

## Skills

**Intermediate proficiency-** DynamoDB, Android Studio, Machine learning and deep learning, AWS, git and github.

**Expert proficiency-**MERN stack with AngularJS, HTML5, CSS, Python, R, PHP, Java, MySQL, PostgreSQL, Anaconda, chrome developer tools.

## Related Coursework

Intro to Cloud Computing, Machine learning, Design and analysis of algorithms, Deep learning, Database Systems, Advanced Operating Systems, Statistical methods for engineering.

## Awards and Honors

- Placed in the finals in smart India Hackathon.
- Designed and developed a security based project for hospitals on accessing patients' data using artificial intelligence.
- Knn algorithm along with past patients data obtained malicious data entering into the database.
- The application also checks for novelty data and using admin access novelty data can be entered.