

Houston, TX

YASHWANTH REDDY VENATI

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EDUCATION

Houston, TX	University of Houston	Aug 2017 – May 2019
Master of Science in Computer Science (Thesis) (GPA 3.67)		
Hyderabad, India	JNTU Hyderabad	June 2013 – May 2017
Bachelors in Information Technology with 72.3% (GPA 3.5)		

EMPLOYMENT

Data Science Intern	Harris County CTS	June 2018 – Aug 2018
<ul style="list-style-type: none">Designed and Developed Machine Learning applications for a better governance in the county.		
Graduate Research Assistant	University of Houston	Dec 2017 – May 2018
<ul style="list-style-type: none">Started a research project to develop next generation competition platform using blockchain, while understanding the complete architecture of the blockchain and its limitations.		

Software Engineer	Ourfood Pvt Ltd	Aug 2016 – May 2017
<ul style="list-style-type: none">Implemented the MVC web application in Java using thymeleaf as a template engine.Developed platform for managing multiple functions of the post-harvest food value chain, like processing, transportation.Designed the database architecture of the web application.Maintained website consistency and ensured responsiveness, cross-browser and cross-device compatibility.Used GIT for source code control.		

Software Developer, Intern	Qnovon Technologies	Feb 2016 – July 2016
<ul style="list-style-type: none">Designed and developed end to end web application using spring boot, hibernate and thymeleaf.Built multiple tech enabled platforms especially in the area of delivering and managing microservices.Worked on automating various tasks using python.		

TECHNICAL EXPERIENCE

Projects

- Private Ethereum Blockchain** (2018). Deployed a private Ethereum network with nodes in various locations all over the world and can deploy smart contracts from local machine. *Shell, Solidity, geth, Web3.*
- Home Security Application** (2017). An IOT application which opens the door and sends the image of the person trying to open the door to the house owner. *Python, Raspberry Pi, Proximity Sensor, Camera, Face-recognition, Mobile Application, Firebase, Google-compute.*
- Twitter Sentiment Analysis** (2017). Real Time sentiment analysis on any topic using Machine Learning allowing users to check the opinions of the people in the world. *Python, Natural Language Processing.*
- Sentiment Analysis on Amazon reviews** (2016). Analyze and generate reports based on the reviews of a particular product according to the product specifications. *R Programming, Python, Django, NLP, JavaScript.*
- Realtime Dashboard** (2016). Real Time Device monitoring web application, which displays the temp, humidity of the electronic device and analyzes data. In production. *Python, Sockets, Django, MYSQL.*
- Defect Monitoring** (2016). Used in large scale industries to monitor and maintain the data of the number of defect products produced in the given shift. In production. *C#, Windows App, SQLite, Visual Studio.*

ADDITIONAL EXPERIENCE AND AWARDS

Certificates

- CS50** Introduction to Computer Science | **Harvard University**
- Blockchain for Business | **Linux Foundation, IBM**
- Programming using Python | **MIT**

Languages and Technologies

- Python, Java, Solidity, Shell, Java, R programming, Linux, HTML, JavaScript, MYSQL, SQLite, MongoDB.
- Visual Studio, Pycharm, IntelliJ, Eclipse, Jupyter.

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- Hibernate, Thymeleaf, Django, Flask.
 - Basic experience: .Net, C#, React, Angular, Node.