
REVANTH PENDYALA

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Work experience

May 2018 - Aug 2018

ITalent Digital

Full Stack Developer

The application has been developed to keep track of various types of inventory of the company and allow them to employees.

Responsible for developing a web application(inventory tracker). Responsible for front-end and back-end development of the application. (Java, Mysql, Html, CSS, Javascript) .

Major Projects Undertaken

Jan 2018 - May 2018

ASSESSMENT OF ANN, SVM AND RF CLASSIFIERS ON HYPER SPECTRAL IMAGERY

[Research and Development Paper submitted in IJRS, status: under review.]

Hyper Spectral Imagery classification on cryospheric areas using machine learning and deep learning algorithms. Per Pixel and Super Pixel Classification of Hyper-Spectral Imagery.

K-Means clustering. SAE-LR considered these techniques as a probable classifier for HSI.

Jan 2018 - May 2018

SECURE ACCESS OF DATA FROM CLOUD

Role : Team Leader

This is cloud-based application used for secure access of data from cloud. The main objective of this project is provide security to user while accessing and uploading the data from and to cloud. We have used the RSA algorithm to encrypt the file and share the key to another user.

Jan 2018 - May 2018

TrainIt

Role: Team Leader

It is an AI ping pong bot which gets trained from the player and later competed with another player. Training of your bot is proportional to the performance of your bot. An algorithm which we have used for game development is (Deep Q Learning algorithm)

Jan 2018 - May 2018

LOGGING SOLUTION FOR WEB APPLICATION

Role : Team leader

Learned how to create API and generating log using the Log4j software. Logging solutions for web applications is a project where you can generate log files of all the actions performed on a website. We created a plug-in and used on a website to generate a log.

Log4J (Logging API) - Technologies Used: Java, MySQL, HTML, CSS.

Aug 2017 - Dec 2017

Farmopedia

Role : Team leader

Learned how to make a website using HTML/CSS and SQL. This is a web based platform for farmers and agriculture students where one can get information about soils, fertilizers, crops, market. This website also has an option of answering the customer queries.

Jan 2017 - May 2017

HOSPITAL MANAGEMENT SYSTEM

Role: Team Member

Learned how to work with NoSQL database. This is a website which contains all the things related to the hospital like can book an appointment of doctors, book slots for a diagnostic test and can also buy medicines.

Jan 2017 - Apr 2017

LOGGING SOLUTION FOR WEB APPLICATION

Role : Team leader

Learned how to create API and generating log using the Log4j software. Logging solutions for web applications is a project where you can generate log files of all the actions performed on a website. We created a plug-in and used on a website to generate a log.

Skills

- **Languages :** C , C++ , Java , Python , HTML/CSS
- **Applications:** Eclipse, Net Beans, MySQL Workbench
- **Databases:** MySQL, NoSQL
- **Operating Systems:** Linux and Windows

Certifications

- **Machine Learning** [Stanford University] by Coursera
- **Computing for DataAnalysis** by Edx (ongoing)

Interests

- Data Science
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Web Development

Core courses undertaken

- Data structures
- Design and analysis of Algorithms
- Software Engineering
- Machine learning
- Artificial Intelligence

Education

2015 - 2019	NIIT UNIVERSITY <i>B.Tech [Computer Science]</i> CGPA: 6.67
2013 - 2015	Narayana College <i>Intermediate</i> Hyderabad