

5-69, Rusthumbada

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Narasapuram-534275

A VIJAY KUMAR

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EMPLOYMENT

Junior Civil Engineer

Mantena Infra

April 2016 - Nov 2017

Projects:

- ▣ Supervising the site work, contributing in planning, drawing and DPR for the project

EDUCATION

Guntur

KL University

2019 - present

- ▣ Pursuing Master of Technology in Geoinformatics

Bhimavaram

SRKR Engineering College

2012 - 2016

- ▣ Bachelor of Technology in Civil Engineering. Aggregate: 6.97

Palakollu

Aditya Jr. Inter College

2010 - 2012

- Board of Intermediate Education, in MPC brach. Percentage: 88

2012

Narsapuram

J. Sikile Academy

- Board of Secondary Education SSC. Percentage: 69

ACADEMIC PROJECTS

- Drought monitoring and prediction by data mining techniques .Finds high occurrence of drought episode apriori algorithm in data mining algorithms is used, based on rainfall and NDVI data
- Geopolymer concrete with fly ash. The silicon and aluminium oxide in the low calicum fly ash reacts with the alkaline liquid to form the geopolymer paste that binds the loose coarse aggregate, fine aggregate and other unreacted material together to form the geopolymer concrete

ADDITIONAL EXPERIENCE AND COURSES/CERTIFICATIONS

- During this pandemic, Developed an Covid-19 Dashboards which will show the cases per country in the segregation of total and recovered cases
- Participated in One Week Online Faculty Development Program on “Sustainable Smart Cities” organised by Chennai Institute of Technology
- Attended a webinar on “Workflow on Sewerage System Design & Modeling for pollution abatement projects of Ministry of Jal Shakthi, Govt. Of India.” Conducted by Bentley Institute

- Certification:

Python Boot camp, Machine Learning Boot camp, Google Crash Course on Python MAT LAB onramp (Math works), Elements of Artificial Intelligence, Python for Data Science and AI (IBM), Introduction to GIS Mapping(Coursera), GIS Data Acquisition and Map Design(Coursera), Spatial Analysis and Satellite Imagery in a GIS(Coursera), GIS Mapping and Spatial Analysis Capstone(Coursera), Introduction to image classification(ESRI), Space Time Analysis Time series Clustering(ESRI), Performing Unsupervised Pixel Based Image Classification(ESRI), Creating Map Products(ESRI)

Languages and Technologies

- Python, C++, Autocad, ArcGIS, ERDAS Imagine, Primavera p6, QGIS