

VADDE VENKAT SUMANTH REDDY

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EDUCATION

Vellore Institute of Technology, Vellore

Bachelors in Technology

Department of Information Technology

July 2017 - Present

CGPA: 9.24

Sri Chaitanya Junior College, Hyderabad

Higher Secondary Education, TSBIE.

April 2015 - June 2017

Overall Percentage : 97.50

Delhi Public School, Hyderabad

Senior Secondary Education, CBSE.

April 2014 - April 2015

CGPA : 9.80

TECHNICAL SKILLS

Areas of Excellence:

Machine Learning Algorithms, JavaScript, DevOps.

Programming Languages:

Java, C, C++, Python

Web Development Tools:

HTML, CSS, Node.js, React.js, PHP, Flask(Familiar)

Machine Learning Tools:

Numpy, Pandas, Sklearn, Keras, Matplotlib

DevOps Tools:

AWS, Git, Github, Docker, Kubernetes, Heroku

Databases:

SQL, Mongo DB

PROJECTS

Glaucoma Detection: Calculated the ratio of cup and disk of human eye. Implemented classifiers like SVM, Naive-Bayes, Decision trees to classify glaucomatous and non glaucomatous eye based on ratio.

Map-Reduce for analysis of Video Game Sales: Used map-reduce programming model to implement complex queries. Also analysed the performance of various regression techniques.

Road Revival: To know about the presence of potholes in particular region. Node JS was used along with Mongo DB for backend. Enabled the services of LeafletJS API for better visualization.

WORK EXPERIENCE

TechVedika, Hyderabad

(Software Engineering Intern-BigAI Team)

May 2019- Jun 2019

- Built a flask api to detect license plate characters. Performed connected component analysis and applied ML model to test the component on backend. Worked on Malaria cells classification using CNN.

Startups Club, Vellore

(Campus Consultant-Young Pioneers)

Aug 2017- May 2018

- Led operations for conducting workshops to spread awareness about entrepreneurship among students.

PERSONAL CERTIFICATIONS
