

# VAMSHI KRISHNA GUNDU

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## Professional Summary

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Enthusiastic data scientist eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of data analysis and cloud computing. Motivated to learn, grow and excel in AI World.

## Skill

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- Languages: R, Python, SQL
- Cloud Computing in AWS, Azure
- Databases: DB2, MySQL
- Tools: Splunk, UrbanCode, Gitlab, Jenkins, Admin7
- Data Science, Machine Learning, Data Analysis

## Work History

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Capgemini, Pune  
ECS Print/Fax

Senior Software Engineer  
– 06/2018 to present

- Worked in Production support and developed Flex Scheduling Job on Enterprise Claims System(ECS) framework to provide real-time solutions to on-site business partners.
- Worked on Blueprint updates of WAS based applications, Risk mitigations, deploying them with change on UrbanCode to Production.
- Analyzed HPSM tickets data, extracted insights such as, hour most of them opened/closed, reason for breach, Automated/User incidents, identified the recurring incidents using REGEX, NLP, analyzed one particular type of incidents and identified a solution for the same which is one of the most occurring type of incidents.
- Used Selenium and Python to automate and generate reports to reduce manual effort and recurring tasks.

## Projects

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- **Recorded statement requirement Identification**
  - To Identify when claims require a recorded statement to help automated routing, focused on claims within 3 days of first notice of loss.
  - Used XGBoost classifier Model wrapped in a Flask API and deployed to Azure web apps to provide real-time results.
- **The Battle of Neighborhoods**
  - To analyze and select best locations in the city of Hyderabad to open a new shopping mall.
  - Used K-means clustering, Foursquare API, Geocoder library, web scraping and identified most preferred locations to open a new shopping mall in the city.

- **Next word prediction application using NLP**
  - Next word prediction is an application which is trained on large amounts of twitter posts data to predict next word based on previous inputs.
  - Used Katz's back-off model, n-grams (n=1:5), Regular expressions, ANLP library, Shiny and hosted on shinyapps.io.

## Education

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Bachelor of Engineering: **Computer Science and Engineering** – 2014 - 2018  
**Chaitanya Bharathi Institute of Technology (CBIT)**, Hyderabad

Intermediate: **Mathematics, Physics, Chemistry** – 2012 - 2014  
**Sri Chaitanya Junior College**, Hyderabad

10th Standard: SSC – 2011 - 2012  
**Manjeera Vidyalayam High School**, Medak

## Accomplishments

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Reach for the stars Award – Q4 - 2019  
Customer delight Award – Q3 - 2020

## Certifications

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AWS Certified Solutions Architect – Associate – 11/2020  
Microsoft Certified: Azure Fundamentals – 10/2020  
IBM Data Science Professional – 07/2020  
Oracle Certified Java Programmer – 8 – 09/2018