

SIVAKUMAR REVURI

SIVAKUMARR96@GMAIL.COM · (+91) 630 558 0229

· [Sivakumar Revuri | LinkedIn](#) · [Sivakumar Revuri | GitHub](#)

PROFILE

- Data Science Professional with **2+ years** of experience in Data Visualization, Data Processing, Data Mining and, Machine Learning algorithms to solve challenging business problems.
- **Total 5+ years** of extensive experience in developing applications among various platforms like Healthcare and Infrastructure domains.
- Good understanding of Object-Oriented Programming skills, including Design Patterns knowledge.
- Experienced in Unit testing the code with Test-Driven Development (TDD) approach and strong debugging skills.
- Experience in working with data-driven RESTful APIs using web frameworks like Django and Flask.
- Knowledge of databases, like MySQL and MongoDB.
- Basic understanding of Micro services-based architecture and the related ecosystem.
- Understanding of Cloud technologies like Amazon Web Services (AWS).
- Involved in various aspects of development role in design, planning, development and deployment.
- Proficient in finding and resolving malfunctions, using technical and Communication skills.
- Skilled in project coordination activities, application maintenance & enhancement, project progress monitoring and reporting to various stakeholders.
- Responsible for code development, analyzing the business requirement and discuss the feasible solution with onsite Coordinator or Client.

SKILLS

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| • Python (OOPS, Pandas, Numpy) | • JAVA (JDBC) |
| • Databases (MySQL, MongoDB) | • Data Visualization (matplotlib, seaborn) |
| • Statistics | • Web Scrapping (bs4, requests, selenium) |
| • Machine Learning (Classification, Regression, Clustering) | • API Framework (Flask) |
| • Cloud Framework (AWS) | • GIT |
| • Web Technologies (HTML, CSS, JavaScript) | • Unit Testing. |
| • Tools (Visual Studio, Jupyter Notebook, Pycharm) | |

EXPERIENCE

AUG 2021 TO PRESENT

OCT 2019 TO DEC 2020

SOFTWARE ENGINEER

TEKSYSTEMS, BANGALORE, KARNATAKA

APR 2019 TO SEP 2019

SOFTWARE ENGINEER

HCL TECHNOLOGIES LTD, BANGALORE, KARNATAKA

SEP 2017 TO APR 2019

ASSOCIATE SOFTWARE ENGINEER

EMIDS TECHNOLOGIES, BANGALORE, KARNATAKA

PROJECTS

Prediction of Compressive Strength of Concrete

- Aim: To build regression model to save a lot of time and effort to estimate how much quantity of which raw material we need for prediction of acceptable compressive strength.
- Approach: Data Validation, Data Ingestion, Data Pre-processing, Clustering, Model Training, Selecting Best model, Deployment.
- Domain: Infrastructure.
- Database: MySQL, MongoDB.
- Tools used: Linear Regression, Random forest, KMeans for clustering, AWS.

Early Detection of Thyroid Disease and its Type

- Aim: To build a classification methodology to predict the early detection of Thyroid and if detected then what is type of Thyroid to prioritise treatment and reduce Doctor's time.
- Domain: Healthcare
- Database: MySQL, MongoDB
- Dataset: 30 attributes, 22000 instances
- Datatype: Numerical and categorical
- Tools used: XG Boost, Random Forest, KMeans for Clustering, AWS.

Prediction of Default for Credit Card

- Aim: To predict whether customer will default credit card payment or not based on available customers
- Number of Instances: 32000
- Number of Attributes: 25
- Domain: Banking
- Database: MySQL
- Tools used: Naive Bayes, XG Boost, K Means for clustering, AWS.

EDUCATION

2013 - 2017

BACHELOR OF TECHNOLOGY, MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE.

Completed Bachelor's degree in the stream of Electronics Communication Engineering from MITS under the university of **JNTU-A** with 68%.

2011 – 2013

INTERMEDIATE (10+2), SRI CHAITANYA BHARATHI ARTS AND SCIENCE JR COLLEGE.

Completed Intermediate (10+2) in the group of MPC from Sri Chaitanya Bharathi Arts& Science Jr. College under the Andhra Pradesh **Board of Intermediate Education AP** with 96%.

2010 - 2011

SSC, VISWA JYOTHI HIGH SCHOOL.

SSC (10) from Viswa Jyothi High School under **Board of Secondary Education AP** with 93%.

AWARDS & TRAININGS

- Taking training on Python for Data Science, Chabot's, Computer Vision, Machine Learning and, Data Visualization tools in Ineuron, Bangalore.
- Awarded with **Cause for Applause** for the month of July-2018 for outstanding performance and continued dedication towards demonstrating emids core values.
- Client Appreciation for the Top-Notch performance.
- Completed training on JAVA, J2EE, JDBC, Spring Core, Hibernate, and Oracle Database as an Incubation student from JSPIDERS, BTM Layout, Bangalore.