

KATAM REDDY SAI PRUDHVITHA

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OBJECTIVE

I'm seeking to work with a progressive organization that provides an opportunity to capitalize my technical skills and abilities and help me grow professionally and personally.

PROFESSIONAL SUMMARY

Around 1.5+ years of professional experience and around 1+ years of experience on educational projects and works.

- Good experience in coding using MATLAB and R programming.
- Good experience in writing python codes using OOPs concepts and have ground knowledge on Python Pandas.
- Good experience with front end applications HTML, CSS, Bootstrapping and Javascript.
- Experience in using IDE's such as Eclipse, Pycharm, Visual Studio code.
- Experience in writing SQL queries in databases such as SQL server, MySQL and handling SQL Stored Procedures, Functions and Triggers.
- Good knowledge on writing scripts in Apache spark and Databricks and Jupyter notebook.
- Hands on experience in designing and developing Azure Data Flows for migrating data from different sources.
- Good experience on using data visualization tools like Tableau and PowerBI.
- Experience on Data Analytics, Big Data Analytics, Operations Research, Supply Chain Management.
- Good knowledge and understanding of Azure cloud platform and services.
- Hands on experience on working with AWS services mainly with S3, EC2 instances.
- Good understanding on Software Development Life Cycle (SDLC).
- Hands-on experience in writing unix scripts and shell commands.
- Good communication and interpersonal skills with strong ability to collaborate with team members.
- Determined and dedicated towards work.

EDUCATION

GRAND VALLEY STATE UNIVERSITY, Michigan, USA.	January 2024- Present
• Master's in Data Science and Analytics 3.57 gpa	
IIITDM KANCHEEPURAM, Chennai, India.	June 2018- May 2022
• B. Tech in Mechanical Smart Manufacturing 8.02 cgpa	
SRI CHAITANYA IIT ACADEMY, Vijayawada, India.	June 2016 - Apr 2018
• +2 in Maths Physics and Chemistry 87%	
LITTLE ANGELS PUBLIC SCHOOL, Nellore, India.	Apr 2016
• CBSE 10 cgpa	

WORK EXPERIENCE

Concentrix Catalyst Technologies Pvt Ltd, Hyderabad, India	March 2022 - Dec 2023
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Full-time Employment

Description: Concentrix Catalyst (lately called as PK Global) is one of the experienced design and engineering team of Concentrix, a leading global solutions company that reimagines everything CX through strategy, talent, and technology. We combine human-centered design, powerful data, and strong tech to accelerate CX transformation at scale.

Tier 1 Software Engineer – March 2022 – Oct 2022

Responsibilities/ Accomplishments;

- Trained and certified on data science related courses.
- Developed a Cap-stone project on creating Bronze, silver and gold pipelines in azure for the given data.

Data Engineer – Nov 2022 – Dec 2023

Responsibilities/ Accomplishments;

- Aws and Databricks certified.
- Worked on a healthcare project – Cigna
- Adaption to sprints tasks and deadlines.
- Worked on data migration from Hadoop (on-prem) to Databricks (cloud)

Environment: Apache Spark, Microsoft Azure, AWS, Databricks, IntelliJ, Git, Jira.

PROJECTS

Enbo[X], IIITDM Kancheepuram, Chennai, India

November 2021 - April 2022

Educational Project

Description: EnBo[X] – Energy box of variable X is a smart product that senses energies like temperature, voltage, humidity etc and performs accordingly. EnBo[X] has a long development and deployment history where it went through different stages and reached its destination of developing software to manage the data collected using sensors and Rpi, and to deploy and analyze data by creating dashboards.

Responsibilities:

- High level research work on the product and other related products already available.
- Worked on Rpi and deployed various sensors, and developed python codes to track the data.
- Created dashboards using Google Data Studio and other online tools to analyze the data.

Environment: Google data studio, Tableau, Powerbi

Internship, Alak Infotech, Hyderabad, India

May 2021 – October 2021

IOT Intern

Description: Alak Infotech is a startup software service provider company. It works on a unique software called Trackblend which is self-developed and deployed by the startup itself. It works mostly on data analyzing and creates dashboards as per the client requirement.

Responsibilities:

- Worked on fleet management dashboard and developed an algorithm based on design optimization techniques to determine the optimal path the fleet should follow.
- Created dashboard for smart farming application using python codes on the Trackblend Software (self-developed by the company).
- Created dashboards using Google Data Studio based on the client requirement.

Environment: Trackblend, Ubuntu, Google Data Studio.

Smart Parking System, IIITDM, Chennai, India

January 2021 – April 2021

Extracurricular Project (Team member)

Description: Smart Parking System is an idea of the college student clubs to manage parking inside the college premises.

Responsibilities:

- Designed a sensing component with an ultrasonic sensor to calculate the distance and to send parking availability data to the website.

Environment: Arduino.

SKILLS

- Technical Skills : Python, Pandas, PySpark, IOT, SQL, Scala, Web Application Front-end, R Programming, Unix Commands, MATLAB, LATEX.
- Software Skills : SDLE, Microsoft applications - Excel, Word, Outlook.
- Cloud : AWS, Azure and Databricks.

EXTRA-CURRICULAR

- Volunteer of Fun Friday activities team at work location.
- Placement Cell volunteer at college.
- Volunteer in Light NGO at college.
- Member of Industrial design club at college.
- Chess and Carroms player at inter-school level.
- School people leader at higher secondary school