

# Koppula Sai Krishna Reddy

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## PROFESSIONAL SUMMARY

A diligent, hard-working undergraduate working towards a Bachelor's degree in computer science. Persistent with a mindset to learn and excel. Seeking for a challenging role to utilize my abilities and make a meaningful impact.

## AWARDS AND CERTIFICATIONS

**IBM Full Stack Software Developer** | IBM  
**Problem solving** | Smart Interviews  
**WD101(Java script)** | Puplfirst

November 2023  
May 2023  
January 2023

## TECHNICAL SKILLS

**Languages** : Python, Java, SQL (MongoDB, MySQL, Snowflake), JavaScript, HTML, XML, JSON, CSS  
**Frameworks** : React.js, Node.js, Flask, Bootstrap  
**API Tools** : Git, Bitbucket, Postman  
**Cloud and Security Tools** : AWS, Linux (Configuring and Managing)  
**Others** : Data Modeling, Machine Learning, Deep Learning, Debugging

## EXPERIENCE

**Data Engineer** | Advance Auto Parts

February 2024 – March 2024

- Continuously learned and applied emerging technologies to enhance data management processes, ensuring ongoing efficiency improvements.
- Automated daily data processes, creating Lambda-triggered systems for real-time classification based on metadata. Enhanced efficiency and storage optimization in Snowflake tables.
- Executed EDF validation project, developing code for PDF data extraction, conducting database comparisons, and generating comprehensive variance reports for streamlined data accuracy.

**Software Developer** | HappieLoop

October 2023 – November 2023

- Developed FlaskBlog website, enabling user registration and facilitating blog posting.
- Implemented features allowing users to create, edit, and view blog posts.
- Fostered user engagement by enabling interaction with other users' blogs.
- Contributed to a collaborative team environment, ensuring seamless functionality and user experience.

## EDUCATION

Vardhaman College of Engineering  
Narayana Junior College  
Krishnaveni Talent School

**B.Tech in Computer Science** | CGPA : 9.12  
**Intermediate** | Percentage : 97  
**SSC** | CGPA : 9.8

December 2020 – Present  
May 2018 – March 2020  
June 2018 – March 2016

## PROJECTS

**Data Plumbing and Automation Project** | Python, Snowflake, AWS

March 2024

- Orchestrated data management processes in the Data Plumbing project, handling daily client data with a focus on automation.
- Implemented Lambda functions to trigger real-time classification of semi-structured data based on metadata within the S3 bucket.
- Successfully designed and executed processes for storing classified data in Snowflake tables, optimizing data accessibility and integrity.

**EDF Validation Project** | Python, snowflake

February 2024

- Developed and executed a data extraction solution for EDF validation, extracting crucial information from PDFs through custom-coded algorithms.
- Conducted in-depth comparisons between extracted data and database values, implementing a robust variance analysis mechanism.
- Systematically documented and stored variance results in Excel, ensuring a comprehensive and accessible record of discrepancies for further analysis.

**TasteHarbor** | React, MongoDB

October 2023

- Developed React components for dynamic chef profiles, highlighting specialties and experience.
- Implemented a real-time booking system, allowing users to schedule chefs for specific events.
- Ensured secure user authentication for managing bookings and personalized user profiles.

**FlaskBlog** | Flask, HTML, CSS, MongoDB

August 2023

- FlaskBlog is a user-friendly web application that allows users to register, login, and share their personal blogs while exploring and reading posts from other bloggers in the community.
- Fostered user engagement by enabling interaction with other users' blogs.