Y SARVANI SWAPNA PRIYA

Portfolio

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WORK EXPERIENCE

Tarento Technologies Pvt. Ltd. *Aug 2022 - Present*
Associate Software Engineer

Project: Management Information system

- Designed Optimized kafka pipeline and backed using **Java, SpringBoot and Kafka, MS Excel, ElasticSearch.**
- Worked with 6-member team, led in creating PRD's and identifying the intents and categories per requirement.
- Collaborated on providing visualizations and insights curated to requirements.
- Implemented data enrichment and validation layers, reducing paperwork by 80% and enabling valuable insights.
- Handled the daily calls to meet the business requirements and worked with the team to give best solutions in the said time.
- Awarded **Spot Award and Team Impact award** in consecutive quarters, for being the best performer in three quarters.

Project: Geospatial Employee Mapping – Nationwide

- Mapped employee locations via Pincodes helping management to take reliable decisions.
- Developed Pincode enrichment module for the same
- Teckstack – HTML, CSS, JS, Leaflet.js

TECHNICAL SKILLS

- Languages/Frameworks: **Java**, Python, MATLAB, **SpringBoot**
- Datastores: Elasticsearch (ES), MySQL, MongoDB, Kafka
- IDE: Visual Studio Code, IntelliJ IDEA, Spyder, Jupyter Notebook, Arduino IDE
- Version Control: Git
- Office Software: Microsoft Office, LibreOffice
- Operating Systems: Linux, Windows

CERTIFICATIONS

ChatGPT for Digital Marketing – *Great Learning* *Oct 2022*
Certification on usage of ChatGPT for efficient marketing using AI and effective AI prompts.

Understanding Descriptive, Predictive and Prescriptive Analytics– *Great Learning* *Oct 2022*
Certification on different types of Analytics and usages

Data Analysis with Python – *Free Code Camp (Ongoing)* *Oct 2022*
Certification on data analysis using python NumPy and Pandas for CSV, SQL and Excel data.

EDUCATION

Central University of Karnataka, Gulbarga, Karnataka - 86% *June 2022*
Integrated MTech in Electronics and Communication Technology.
Specialization in Information and Communication Technology

Final Year Project
Feasibility study of drones for reliable environmental sensing– (IIT Roorkee) - Github
A study for a model of sensor embedded drones which act as a dynamic sensor for field of data, presenting the concept of a drone-assisted wireless sensor network. Developed using MATLAB

PROJECTS
- Authentication based SmartLock system for the Industries and institutions - Github
  - **100 % secure Authenticated** IoT door lock system, developed on Nodejs, MongoDB, and Mongoose for the server communication and storing of data. Hardware ESP8266-01, Arduino UNO, servo motor.
- Image Processing based Photo management system - Github
  - Open source system to sort images and first of its kind for deblurring model using CNN and deep learning. Built a system deblur the images with **accuracy of 88%.** Developed on Python.
- Personal Portfolio – Github
  - Developed personal portfolio using HTML, CSS and JavaScript and backend with Node.js, Mongoose and MongoDB with smtp main sending system.