SURYA KAILASH R
ANALYST AT ACCENTURE

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EXPERIENCE

ACCENTURE
ASSOCIATES SOFTWARE ANALYST
2022 - Present

- Analyzed data sets to identify trends and created visualizations to present findings which led to the implementation of new strategies using python.
- Utilized Power BI to develop data models for HDF5 and ELT data processing which resulted in a decrease of processing time by 60%.

ACCENTURE
ASSOCIATES SOFTWARE DEVELOPER
2021 - 2022

- Automated processes using Python, resulting in a 50% decrease in processing time and improve the speed of an image-processing algorithm by 70%.
- Worked with a team of 4 to create a machine learning model that increased accuracy by 10%.
- Used Angular to create a single page application that received 100,000 unique visitors in the first month.

NOKIA
PROJECT INTERN
2019 - 2020

- Successfully created a data warehouse which allowed for the automation of multiple processes using Python and Flask.
- Built the logic for a streamlined ad-serving platform that scaled
- Developed a Flask-based RESTful API using Python, which increased the efficiency of data collection by automating repetitive tasks.

EDUCATION

2016 - 2020
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
B.Tech, Major in ECE (77%)

2015 - 2016
KUMARARANI MEENA MUTHIAH MATRIC HR SEC SCHOOL
XII std (79%)

2013- 2014
PS SENIOR SECONDARY SCHOOL
IX std (64%)

CONTACT

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SUMMARY

Objective is to acquire the in-depth knowledge and skills required to excel in the field of data science with a passion for data engineering, machine learning and AI, thus enabling me to achieve my dream of becoming a data scientist.

SKILLS

- Data Visualizations
- Angular (HTML,SCSS,TS)
- Flask
- Python (Streamlite, CV, Keras, Tensorflow, scikit-learn)
- HDF5
- Azure (Stream analytics, Data Factory, Data bricks)
- Power BI
- DAX
- EXCEL
- Photoshop
- Illustrator

CERTIFICATIONS

- AZURE Certifications: Z-900, DA-100, DP-900, PL-200, AZ-220, AI-900, SC-900
- Data camp certified Data Scientist
- Udemy Python in 100 days

INTERNSHIP

(June'19 - May'20)
- **Internship •NOKIA**

Data warehousing, Data engineering, full stack tool development and on premises deployment.

(June'19 – June'19)
- **Internship • Chennai Port Trust**

Power electronics, centralized management system and data staging.

(June '18 - June '18)
- **Implant training • Airport Authority**

It was an internship on electronic and communication inside the airport, network.

(June'17 – june'17)
- **Internship • Hewlett Packard**

It was an internship on microcontrollers and software like proteus 8.

NON-TECHNICAL SKILLS

- LEADERSHIP
- COMMUNICATION SKILLS
- PRESENTATION SKILLS
- PROBLEM SOLVING
- SITUATION MANAGEMENT
- TIME MANAGEMENT

EXTRA-CURRICULAR ACTIVITIES

- KARATE
- GUITARIST
- RUBRICS CUBE
- PHOTOGRAPHY
- SCOUTS
- GRAPHIC DESIGNING
- LEADERSHIP
- BIKE RIDING

RESPONSIBILITY

- Designer Xion (Multi-Disciplinary)
- Class Representative ECE B (2016-2020)
- Sr. Designer Adhyaay (Department Magazine) Electrum Executive Member
- IET Member
- White Hackers Club
- Rotract Club Of Srm Designer
- Aarambh Designer
- Volunteer in Collage symposium and other events.

PROJECT

- **Intelligent Car (Paper published international journal) - Link**

The car is controlled by the eye pupil movement of the driver using Arduino Uno and processing software. The car will understand the environment and work is according to that. It studies the range of other car and obstacles, also the road surface is also taken in account. The car is controlled by the hand movement of the driver using Arduino Uno and processing software.

- **Nasa space app challenge**

This application was built for astronauts to monitor their health and food habits to have a healthy journey in space. This project

- **E-Cart**

It is a cart that workers automatously in the warehouse to reduce in manpower in transportation of goods using open cv and python. It was successful and the SRM mechanical department funded for a Realtime prototype.

- **Wearhouse Visualization (paper published in offline journal)**

This prototype is first of its kind to have a track in all 11k products in a warehouse and visualize the data to see which product is going to get exhorted and refiled. The unique technology called HAIP (High accuracy indoor positioning system) that was integrated to navigate in the warehouse using RFID and Bluetooth.

- I**nternet of things enabled factional grid system and methods of intelligent distribution (Patent Filed) - ID 202141000156**

Planning to revamp the existing central grid system which requires very high investment and alternative power distribution to act in the place at the time of replacement is beyond the scope; instead, it is possible to bring an intelligent way of strengthening community-based grid system to be aligned with the central grid; which may not require the replacement of entire and to be carried out through minimum investment. energy grids are placed between generation unit and utilization segment and running through widespread geographical areas which maintaining through number of distribution centers governed by private and government authorities.

AWARDS&ACHIVEMENTS

- "Gamification Recognition" By Accenture
- "Galactic Problem Solver" by NASA and IET.
- "first place" in NASA apace app challenge
- "Icon of ECE" The all rounder by SRM IST.
- "Academic Award" by IET.
- "Activity Award" by IET.
- "Special reorganization" by RAC Guindy.
- "Dynamic performer" by RAC Guindy.
- "Best paper presentation" in REACT 2020 organized by SRMIST.
- First Place In Paper Presentation (Electro Focus '19). Madaras Institute Of Technology
- First Place In Paper Presentation (Upagaraha 2k18). Sri Venkateswara College Of Engineering.
- First Place In Project Display (Charge'18). Hindustan Institue Of Science And Technology
- First Position In Paper Presentation (Techzeal 2k18). Sathyabama Institute Of Science And Technology.
- First Place In Paper Presentation (Technovit). Vit
- Second Place In Paper Presentation (Eclectic 2k18). Srm Ramapuram Campus
- Second Place In Paper Presentation (Daksh'19) Sastra (Thanjavur)
- Second Place In Project Display. Madaras Institute Of Technology
- Third Place In Paper Presentation (Invente 3.0). Ssn College