JIHIN JINO S

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# PROFESSIONAL SUMMARY

Driven Software Engineer with a strong foundation in software development and a keen interest in creating impactful solutions. Equipped with knowledge in full-stack basics, cloud fundamentals, and DevOps principles, ready to bring fresh perspectives to collaborative, agile teams.

# SKILLS

* **Programming Languages:** Java, Python, C++
* **Web Technologies:** HTML, CSS

## Repositories: Git

* **Databases:** MySQL

## Operating Systems: Linux, Windows EXPERIENCE

**Intern, BGSW Bangalore** *August 2023 – May 2024*

## SOA for ADAS

* Implemented the Speed Limit Service (SLS) within an SOA framework.
* Responsible for wrapping the service with Python using pybind11, integrating it into the software, and verifying its functionality

## OSM Using ADAS Data

* Gathered requirements through collaborative sessions to define project objectives.
* Collected and processed geospatial data from OpenStreetMap (OSM) using its API.
* Developed algorithms to extract routes from ADAS-provided geocoded locations and visualized them using Folium to create interactive maps.

# EDUCATION

**Master of Technology (Computer Science)** *August 2019 -April 2024*

SKCET **CGPA 7.62/10**

**Class 12th - Tamil Nadu State board** *March 2018 – April 2019*

CMHSS **Percentage - 76%**

**Class 10th - Tamil Nadu State board *March*** *2016 – March 2017*

KIDS OXFORD **Percentage – 89%**

# PROJECTS

## Credit card Fraud Detection

* Detected fraudulent transactions with 95% accuracy
* Improved model performance through hyperparameter tuning
* Developed a practical system for real-world fraud detection

## Diabetes Disease Prediction

* Accurately predicted diabetes risk
* Identified key risk factors for diabetes
* Enabled early detection and prevention

# TUTORING AND VOLUNTEER

* Volunteer as a tutor or mentor for students in need of academic support, particularly in subjects related to expertise, like Java, Python and in SQL.