

I am an ambitious and results-driven Computer Science and Engineering (CSE) professional with a passion for cloud computing and cutting-edge technology. I have honed my skills in various programming languages, including Python and SQL, and gained hands-on experience with tools like Power BI and Tableau. My expertise enables me to translate complex data into meaningful insights, and I have successfully applied these skills in various projects and internships, particularly in AI, ML, and cloud-based solutions. As an aspiring data scientist, I thrive in collaborative environments and am always eager to learn and adapt to new challenges.

SKILLS

Skills	Python, SQL, Rest API, Artificial Intelligence(AI), ML, Image Processing, NLP, Deep learning
Tools	Postman, Power BI, Tableau, MySQL, Oracle
Git	BitBucket, Github
Cloud	AWS, Azure
Communication	English, Tamil

EXPERIENCE

AI Developer Intern

iCore Software Systems Private Limited

DEC 2023 — Present

Skills: Artificial intelligence (AI), Python, Computer Vision, Machine Learning (ML), Rest API, Image Processing.

PROJECTS

AI Printer Error Detection

JAN 2024 — Present

iCore

- Develop a Flask API to process Epson printer receipt images, detecting missing nozzle lines in six distinct colored sections.
- The API enhances image quality, extracts the sections using OpenCV, and identifies missing lines with line detection algorithms.
- It leverages contour detection for section extraction and edge detection for identifying missing lines, ensuring accurate analysis and reporting.
- Based on the results, we predict and inform if a defect will occur in a few more days.

FINANCIAL REPORT USING POWER BI

JUN 2023 — SEP 2023

Greens Technology

- Financial data in CSV format implies that you have collected.
- Data cleaning in SQL might involve tasks such as removing duplicates, handling missing values, filtering out irrelevant records, and transforming data into a more usable format.
- Power BI provides a range of visualization options (like charts, graphs, tables, maps, etc.) that you can use to represent a financial data.

BLOCKCHAIN INSPIRED SECURE COMPUTATION

MAR2023 - MAY2023

Associated with College

- It is the Blockchain based secure computation loading scheduling scheme is proposed.
- It embraces the Blockchain based trust management and Deep Reinforcement Learning (DRL) algorithm.
- A smart contract-enabled DRL algorithm is proposed to implement the secure and intelligent computation.
- Specifically, a novel three-valued subjective logic (3VSL) scheme is adopted to obtain a more comprehensive reputation and the statistics of behavioral transitions.

GAS LEAKAGE MONITORING AND ALERTING SYSTEM USING IBM CLOUD

Sep 2022 — Dec 2022

Associated with IBM

- This project helps the industries in monitoring the emission of harmful gases.
- Monitoring and reporting by IBM Cloud.
- In the Web application, admins can view the sensor parameters.
- Using IBM cloud object storage, Node-RED service, Cloudant DB.

HOSTING MULTIPLE OS

Feb 2021 — Apr 2021

Ideathon

- The main objective of our project is providing multiple operating systems by using the Web browsers.
- Using of Azure to create operating systems and configure with our Website.
- Multiple operating systems like Windows, Linux, Unix, Mint.
- Website Hosted by Azure.

AUTO THERMAL AND MASK SCANNING ENTRY SYSTEM

NOV 2020 — DEC 2020

Ideathon

- In the pandemic situation wearing mask is mandatory in all the places.
- We are in the state to monitor that everyone are wearing the mask.
- Temperature checks and hand washing are done at all entrances of the places.
- Using AI and Cloud Server to transfer the information to Admin.

EDUCATION

Bachelor of Engineering in Computer Science , <i>Arunai Engineering College</i>	2019 — 2023
CLASS XII , <i>Bhagavan Higher Secondary School</i>	2018 — 2019
CLASS X , <i>Bhagavan Higher Secondary School</i>	2015 — 2016

CERTIFICATIONS

GOOGLE DATA ANALYTICS

By Coursera OCT 2022

DATA ANALYTICS ESSENTIALS

By Cisco JUL 2023

Oracle Cloud Infrastructure

By Oracle MAR 2024

AWS SERVERLESS

By AWS JUN 2023

DEVOPS ON AWS

By Coursera AUG 2023

Python And Flask Demonstrations

By Udemy MAR 2024

INTERMEDIATE SQL

By Data Camp JUN 2023

TECHNICAL SUPPORT FUNDAMENTALS

By Coursera MAR 2022

Essentials of Java

By Digisaksham JUL 2022

ACTIVITIES

Attended Artificial Intelligence And Machine Learning Workshop	APR 2022
Android Development Workshop held in Chennai IIT	MAR 2022
Project Presented in Ideathon	DEC 2020
Project Certificate by IBM And ITC Academy	FEB 2023
Participated NSS volunteers during the College	2019 - 2023
Attended Two Day Workshop in Cyber Security And Mobile Hacking	NOV 2019

PERSONAL SKILLS

- Eagerness to know and learn something.
- Adaptable to any situation.
- Outside the box thinker
- Has the capability to guide team.