

Shubham Mangrule

Work Experience

Varasi Inc

Jan 2024 -Present

- **AutoCare:**End To End Vehicle Service Management System on Salesforce.Develop a comprehensive solution capable of identifying unique vehicles,generating service request, and updating vehicle owners seamlessly. Salesforce Features ,including Flow,Visualforce,SOQL,and Salesforce LWC,FLOW.
- **Salesforce To AWS Integration** :Creating robust and secure bidirectional connection between AWS RDS POSTGRES database and Salesforce.Main Objective of This project was to sync SalesForce object(custom and standard) to AWS RDS database table in real time
 - Tools :AWS EventBridge, AWS RDS Postgres,AWS Lambda Function,AWS Event Bus,Salesforce Standard/Custom Object,Salesforce Event,Salesforce Change Data Capture,NodeJs,JSforce,Express Js,REST API.
- **Client Project** : Build robust end to end integration project connecting salesforce to X4.Build SF application to take order and send it to X4 using mulesoft
 - Tools: Mulesoft,CPQ,LWC,APEX

Certification

- **Salesforce Platform Developer**
- **Salesforce Administrator**

Education

B.Tech Viswakarama Institute Of Technology
Information Technology

May 2024

CGPA:8.96

Projects

8 PUZZEL

A* search algorithm for 8-puzzle solving. Utilizes Manhattandistance heuristic for optimization. Efficiently finds shortest path to goal. Showcases **practical AI application** in puzzles.

MODIFIED A*

Enhanced A* Search with Direction Penalty: Algorithm incorporates penalty for changing directions, improving path finding efficiency. Optimal Path Decisions: Penalty factor encourages consistent and direct paths, reducing unnecessary exploration. Reduced Node Expansion: Algorithm explores fewer nodes, leading to significant computational efficiency. Versatile and Efficient: Suitable for large-scale grids, real-time applications, and complex obstacles. Performance Impact: Faster and optimized path finding for robot navigation, gaming, and network routing.

• ADVANCE ALERT SYSTEM FOR AMBULANCE

Show shortest Path to Ambulance Driver Alert Traffic police on signal before ambulance will reach to circle tomtom api is used

•**E-COMMERCE WEBSITE Features** : Login,Add product, Remove product, Buy product,Logout MERN stack is use

Contact

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Profiles

[LinkedIn](#)

[Leetcode](#)

[GeeksForGeeks](#)

[CodeChef](#)

Achievement

- **Published Patent on Color Blindness Detection**
- Paper on Advance alerting system for ambulance in Scopes index publication
- Paper On Sentence Meaning Similarity in IEEE
- **CERTIFICATION**
Salesforce Platform Developer 1
- **Knight At Leetocde max(1870) which made in top 5 percent leetcode User Globally**
- **Solved 1500+ DSA problem on Leetcode,GeeksForGeeks**
- **3 star on Codechef**
- Ranked max(7) at Institute Level on GeeksForGeeks

Skills

- AWS
- Lightning Web Components
- SOQL
- Apex Programming
- Salesforce Lightning
- Java
- CPP
- C
- SQL
- HTML
- CSS
- JavaScript
- Mysql
- Rest Api
- MongoDB
- Python
- MERN Stack