

MURALITHARAN K

SOFTWARE DEVELOPER

CONTACT

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- Tiruppur

SKILLS

- HTML
- CSS
- JavaScript
- C++
- Java
- C
- SOQL
- Apex

EDUCATION

B.Sc Computer Science with Data Analytics

KPR College of Arts Science
and Research

2021-2024

CGPA- 9.0

HSC

Sri Ramakrishna Vidyalaya
Matric Hr Sec School

2019-2021

SSLC

Sri Ramakrishna Vidyalaya
Matric Hr Sec School

2018-2019

LANGUAGES

English

Tamil

PROFILE

Driven by a passion for software development, I am eager to leverage my expertise to address complex challenges and contribute to cutting-edge solutions. I am currently seeking roles in software development where I can enhance system functionalities and deliver outstanding user experiences. I am enthusiastic about joining a team that values creativity, technology, and a commitment to optimizing solutions for maximum efficiency and impact.

WORK EXPERIENCE

CRM Developer

Avasoft

2024 (5 Months)

- Proficient in designing and developing custom applications using Apex, Visualforce, Lightning Components, and JavaScript, I specialize in configuring objects, fields, workflows, and automation processes to enhance operational efficiency and user experience.
- With a meticulous approach to testing and debugging using Salesforce DX and Git, I consistently deliver high-quality solutions aligned with organizational goals.
- I excel in creating custom solutions tailored to improve sales team performance monitoring, recently leading a project to define and implement specific dashboard requirements through technical breakdowns and detailed KT sessions.
- Leveraging Salesforce's low-code capabilities, I implemented efficient solutions using flows and triggers to automate processes and streamline data management, meeting client expectations and enhancing user experience.
- I possess strong debugging skills, proficient in pinpointing and resolving issues swiftly, and have extensive experience with SOQL queries to ensure seamless operations.

PROFESSIONAL PROJECTS

Quote Automatic Generation - Salesforce

- Implemented Visualforce page customization in Salesforce to automate PDF generation for quotes.
- Enhancing user accessibility and efficiency in quote management processes.

Support Ticket and Enhancement - Microsoft Dynamics 365

- Managed tickets raised via Azure DevOps portal by configuring and resolving issues related to process flows.
- Worked On : Azure Function Apps and Power Automate flows within their environment.

ACADEMIC PROJECTS

- **Sentimental Analysis for Microservices :**

- Data Collection: Gathered a large dataset of tweets using Twitter API, focusing on a specific topic or hashtag.
- Preprocessing: Cleaned and preprocessed the collected data, including text normalization, tokenization, and removal of noise (such as URLs and special characters).
- Sentiment Analysis Techniques: Applied natural language processing (NLP) techniques and sentiment analysis algorithms (such as Navie Bayies , SVM etc.,) to classify tweets into positive, negative, or neutral sentiments.
- Data Visualization: Created visualizations (using libraries like Matplotlib or seaborn) to present sentiment distributions and trends over time.
- Performance Evaluation: Evaluated the accuracy and effectiveness of the sentiment analysis model through metrics like accuracy, precision, recall, and F1-score.

- **Web Development - Front-End Design:**

- Project Overview: Developed and maintained responsive and visually appealing websites using HTML, CSS, and JavaScript.
- Technologies Used: Utilized modern frameworks and libraries such as React, Angular, or Vue.js to build dynamic user interfaces.
- Responsive Design: Ensured cross-browser compatibility and responsiveness using techniques such as media queries and flexible grid layouts.
- Optimized website performance for mobile and desktop views.
- User Experience (UX) & User Interface (UI): Designed and implemented user-centric interfaces with a focus on usability and accessibility.
- Collaborated with UX/UI designers to create intuitive navigation and interactive elements.

- **Image Classification using CNN for Ancient Telugu Words:**

- Project Description: Developed a Convolutional Neural Network (CNN) model to classify and recognize ancient Telugu script characters from images.
- Objective: Aimed to preserve and digitize ancient Telugu manuscripts by creating an automated system to classify handwritten or printed characters.
- Technologies and Tools Used: Utilized Python and popular deep learning libraries such as TensorFlow and Keras for model development. Employed OpenCV for image preprocessing and augmentation.
- Leveraged Jupyter Notebooks for model experimentation and visualization.
- Data Handling: Collected and preprocessed a dataset of ancient Telugu characters, including data augmentation techniques to enhance model performance.
- Model Development: Designed and trained a CNN architecture with multiple layers, including convolutional, pooling, and fully connected layers.
- Applied transfer learning using pre-trained models (e.g., VGG16, ResNet) to improve classification accuracy and reduce training time.

AWARDS AND ACHIEVEMENTS

- Led a dynamic team in planning, organizing, and executing impactful community service projects and initiatives. Through this year-long endeavor, demonstrated exceptional leadership, teamwork, and project management skills, resulting in Community Service Director.
- Competitions and Hackathons:
 - Participated in Smart India Hackathon Competition [2022].
- Certifications and Courses:
 - Earned Machine Learning for Data Scientist from Handyman Technologies, demonstrating proficiency in Python [2022].
- Leadership and Contribution:
 - Led a team of [5] members to win [Technical Symposim] for Tree Visualization Project , [2021].
 - Successfully organized [International Conference], which received [1500] attendees and positive feedback in [2023].