MANISH KUMAR PALADHI

Software Engineer

📞 +1 757-756-8413   @ paladhi.manish@gmail.com
🔗 https://github.com/manishpaladhi
🔗 https://www.linkedin.com/in/manishpaladhi1998/

SUMMARY

- Collaborates with cross-functional teams to design, code, debug, and test features with quality and maintainability. Possesses expertise in multiple programming languages (C, C++, Java, Python, PHP) and proficiency in web technologies (Angular, React).
- Diligent data programming professional with a strong foundation in SQL queries, data analysis, and visualization.
- Experienced in full development lifecycle and RESTful API creation and consumption.
- Strong problem-solving and debugging abilities. Committed to maintaining customer focus and contributing to a culture of excellence, inclusion, collaboration, and customer satisfaction.

EXPERIENCE

AWS Cloud Developer   01/2023 - Present
Elevance Health   Norfolk, Virginia

- Primary goal is to migrate the 20,000 agents from on-prem to AWS cloud / Genesys Cloud to avoid the desk phones.
- Developed contact flows in AWS Connect for seamless customer experience.
- Implemented AWS Lambda functions for efficient data retrieval from DynamoDB tables.
- Integrated AWS Lex with advanced speech recognition in AWS Connect.
- Trained AWS Lex to accurately route customer queries to appropriate resources.
- Proficient in GIT commands for seamless collaboration and version control.
- Deployed code and flows to the S3 bucket and monitored system health using CloudWatch and CloudTrail.
- Implemented VoiceMail flow with AWS Kinesis for efficient data collection and improved agent follow-up.

Graduate Teaching Assistant Instructor   08/2021 - 05/2023
Old Dominion University   Norfolk, Virgnia

Teaching undergraduate students, a course named Problem Solving with C++ Programming

- As an instructor for the undergraduate course "Problem Solving with C++ Programming," I have experience in teaching students how to solve problems using C++ programming.
- Throughout my two-year tenure, I have taught approximately 120 students, guiding them through 12 labs and 90% recitations classes to provide valuable hands-on experience with the language. Moreover, I have consistently strived to explain complex coding concepts in an accessible and understandable manner, ensuring that students grasp the material effectively.

Internship in Python using Machine Learning   05/2020 - 06/2020
Verzeo   India

Verzeo is an AI-Based Online learning platform that provides students with a holistic learning experience to help them become industry-ready

- Got trained on Machine Learning algorithms and had experience working with libraries like matplotlib, NumPy, pandas.
- Worked on a project, and it was about converting Speech to Text & Text to Speech using python, where SpeechRecognition and PyAudio are used as libraries.

CERTIFICATIONS

AWS DEVELOPER ASSOCIATE
Amazon Web Services

PYTHON FOR EVERYBODY SPECIALIZATION
Coursera

THE PYTHON MEGA COURSE
Udemy

MICROSOFT TECHNOLOGY ASSOCIATE
Microsoft

ACHIEVEMENT

💎 **Vice President for Indian Students Association at Old Dominion University**

As the Vice President and General Secretary for ISA at ODU, I have led a team of 17 board members and worked collaboratively with them to organize events and activities.

AWARDS

⚒ **CODE MOTERM**

I have been awarded for my proficiency in debugging code quickly, as recognized by Malla Reddy Institute of Engineering & Technology.

⚙ **WORKSHOP ON PYTHON**

I have attended a workshop on Python programming language at MRIET and have been awarded a certificate for my participation and successful completion.

⚙ **WORKSHOP ON PROFESSIONAL WEBSITE DESIGNING**

Received a certificate for completing a Professional Website Designing workshop at MRIET, showcasing proficiency in the latest web tools, and technologies.

SKILLS

AWS Services

Python

MySQL, DynamoDB

Java

PHP

JavaScript

ACADEMIC PROJECTS

Digital Library Search Engine with Wiki Cards
09/2022 - 11/2022

Old Dominion University
- Developed a web-based user interface (UI) leveraging Elasticsearch for efficient search functionality, resulting in a 90% improvement in search speed for accessing and searching abstracts of electronic theses and dissertations (ETDs).
- Implemented user-friendly features such as keyphrase highlighting with Wiki-cards displaying relevant Wikipedia explanations, along with additional features like user registration, log-in, reCAPTCHA, spell-check, auto-complete, and document downloads to enhance the overall user experience.

🔗 https://github.com/manishpaladhi/Web_Project_Library

ODU Call Center
02/2022 - 04/2022

Old Dominion University
- Implemented a call center management system project during my master's program at Old Dominion University, leveraging the Twilio platform to achieve a 60% increase in student communication and accessibility, providing easy access to important information relevant to their academic journey.
- Developed a comprehensive system incorporating contact flow and DTMF buttons, enabling students to connect with professors (resulting in a 40% reduction in response time), access office hours, schedule appointments with student health services, and gather insights about various university departments and colleges, resulting in a 55% improvement in overall communication and efficient information dissemination.

🔗 https://github.com/manishpaladhi/ODU-Call-Center

University Guide
08/2021 - 12/2021

Old Dominion University
- Recommends universities to students based on their profile, including GRE scores, English proficiency test scores, and GPA, achieving a 90% accuracy rate in matching students with suitable institutions.
- This project is built using Python libraries such as NumPy, Pandas, Seaborn, Matplotlib, and Scikit-learn, enabling efficient processing and analysis of data from thousands of student profiles. As a result, the recommendation system achieved a significant 40% reduction in decision-making time and provided students with personalized and data-driven university recommendations.

🔗 https://github.com/manishpaladhi/University_Guide/blob/main/Paladhi_Majeti_Bolla_CS620_DataProject.ipynb

Credit Card Fraud Detection
02/2020 - 04/2020

Malla Reddy Institute of Engineering & Technology
- The Credit Card Fraud Detection project is to detect the fraud transactions using an unsupervised machine learning algorithm that is an under sampling method and autoencoder from deep learning techniques.
- Objective of this project is to build the model which feeds on the data correctly and predicts the result accurately.

🔗 https://github.com/manishpaladhi/Credit_Card_Fraud_Detection_project

Face Recognition Based Attendance System
09/2019 - 11/2019

Malla Reddy Institute of Engineering & Technology
- The Facial Recognition System is implemented to streamline and automate the process of recording and tracking student attendance through advanced face recognition technology, achieving a 95% accuracy rate in attendance tracking. The system utilizes classifiers such as haarcascade from the CV library.
- The Tkinter-based User Interface offers an intuitive platform for attendance management, consisting of 5 phases with specific tasks: dataset creation, training, face recognition and attendance marking, attendance sheet generation, and seamless system exit. This innovative solution significantly reduces manual effort by 80%, enhancing attendance management efficiency in educational institutions.

🔗 https://github.com/manishpaladhi/Face_Recognition_project

EDUCATION

Master's in Computer Science
08/2021 - 05/2023

Old Dominion University
Norfolk, Virginia

GPA | **3.91** / 4

Bachelor's in Computer Science Engineering
08/2016 - 09/2020

Jawaharlal Nehru Technological University
Hyderabad, India

CGPA | **7.09** / 10

SKILLS

Angular

React

TypeScript

Css, HTML5, BootStrap

JQuery, Json

Twilio

RESTful API

C / C++

Docker, Kubernetes

CI / CD pipelines

Tkinter, OpenCV, TensorFlow

GIT

Jira, Agile

MS Excel

PORTFOLIO

Know me more !!

Created and maintain a personal website serving as a comprehensive portfolio to showcase my skills, projects, and professional background. The website includes detailed information about my education, work experience, and accomplishments, providing potential employers with a deeper understanding of my qualifications. Interested individuals can explore my website to learn more about my work and achievements.

🔗 https://manishpaladhi.github.io/