ZACKRIYA
SOLUTIONS

Transforming ideas into reality with trust, transparency, and technology

About

We are not just a technology services startup - we are a group of dedicated professionals that is committed to delivering exceptional results. With a mix of youthful energy and experienced know-how, we bring a unique balance to every project we take on, always with an eye towards trust, transparency, and cost-effective solutions. Since our founding in 2019, we've completed 20+ projects for clients across the US, UK, and Middle East.

ML

Full Stack

AI

Embedded Systems

20+ Successful Projects

10+ Satisfied Clients

US, UK, Middle East

Serving Clients Since 2019

Artificial Intelligence and Machine Learning

Data collection and processing

Collect and preprocess large amounts of data, working with various data formats, such as text, image, audio, and video data.

Machine learning algorithms

Design, implement and optimize machine learning algorithms such as classification, regression, clustering, and neural networks.

Programming skills

Program using Python, R, and C++. Libraries - PyTorch, TensorFlow, and Scikit-learn.

Ai & Ml Key Competence

Data analysis and visualization

Analyze data and draw meaningful insights. Tools - pandas, NumPy, Plotly and matplotlib.

Natural language processing (NLP)

Work with text data and design models, such as Transformers, GPT-3 and LSTMs, that can understand, generate, and summarize natural language text.

Computer vision

Design and implement models that can process and analyze images and videos using object detection and segmentation frameworks such as YOLO, Mask R-CNN, and TensorFlow Object Detection API.

Full Stack development

Front-end development

Design and development of responsive user interfaces using React Js, Next Js and Angular.

Back-end development

Create server-side logic and APIs that can handle CRUD operations. Expertise in working with databases, APIs, and other backend technologies such as PHP, Node.js and Python.

Database management

Expertise in both SQL and NoSQL databases such as, Postgresql, MongoDB, MySQL & MariaDB.

DevOps

Deployment and infrastructure management of applications. Setting up development environments, testing frameworks, and production environments. Tools: Docker, Kubernetes, Jenkins, and AWS.

Project management

Organize tasks, manage timelines, and coordinate communication using project management tools, agile methodologies, and ensuring that the team meets deadlines and delivers high-quality work.

Testing and quality assurance

Test driven development approach to automate testing such as unit tests, feature tests and sanity testing of solutions / products, including report generation. Tools - Jest, Selenium, Cypress and Pytest.

Full Stack Competence

IoT, Embedded software and hardware

IoT device design

Design and develop IoT solutions using sensors, gateways, and edge devices. Capability to design multilayer complex PCBs for digital and mixed signals. High speed digital PCBs, DDR2, DDR3 interfacing.

Firmware development

Embedded firmware programming for IoT devices using programming languages - C, C++, Python and assembly.

Wireless communication protocols

Design and implement wireless communication protocols such as Wi-Fi, Bluetooth, Zigbee, Z-Wave, LoRaWAN and MQTT.

IoT Key Competence
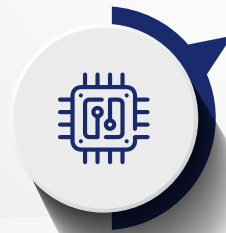
Cloud integration

Integrate IoT devices with cloud platforms such as AWS IoT, Microsoft Azure IoT, and Google Cloud IoT.

Embedded software development

Develop software applications and firmware for embedded systems. OS: Linux, RTOS.

Testing and debugging

Testing and debugging of IoT hardware, firmware and application. Tools: JTAG and logic analyzers.

Technologies & Framework

Front-end Technologies

android

iOS

Flutter

Vue.js

React

Angular

Back-end Technologies

node JS

PHP

Java

python

Laravel

Frameworks

spring

django

ZF ZEND FRAMEWORK

CodeIgniter

W

Magento

Drupal™

Joomla!®

shopify

Technologies & Framework

Database

Connectivity

Cloud

Caching

Looking forward to
A SUCCESSFUL COLLABORATION

ZACKRIYA
S O L U T I O N S

✉ sandeep@zackriya.com

☎ +91 98866 35541

🌐 www.zackriya.com   in https://bit.ly/2Nf3voX