

Abhishek Pillai

Software Developer

9082256505
itsabhishekpillai@gmail.com
LinkedIn
Github

Educations

Our Own English High School • Sharjah,
United Arab Emirates
Jul 2016 - Jul 2017
SSC (X) in PCM, Science

Rajhans Vidyalaya • Mumbai, India
Aug 2018 - Aug 2019
HSC (XII) in PCM, Science

Rajiv Gandhi Institute of Technology •
Mumbai, India
Jun 2019 - Jun 2023
Bachelor in Computer Science

Skills

Javascript Angular JS Postgres
Core Java SpringBoot Hibernate
Web development HTML CSS
SQL Node JS Express JS
Python Mongo DB Tableau

Languages

Arabic English Hindi

Hobbies

Playing chess Gaming
Badminton Cricket

Career Objective

As a software developer, I am committed to staying up-to-date with the latest technologies and best practices. I am skilled in a variety of programming languages and enjoy working on projects that require a mix of technical and creative expertise.

Experiences

- Associate Consultant(Band A-1)
Mindcraft Software Pvt . Ltd. • Mumbai, India Aug 2023 - Present
 - Training Management System:**Development:Spearheaded the design and development of a Training Management System used internally to coordinate training sessions. Implemented features enabling trainers to mark attendance and HR to monitor employee training completion and feedback. Enhanced administrative functionalities to add and schedule new training sessions and participants.
 - AI-driven Question Answering System:** Pioneered the creation of an innovative question-answering system to facilitate internal knowledge management. Utilized state-of-the-art LLMs (including Mistral 8x7b) and NLP tools (SpaCy, TextBlob) to process and analyze documents (PDF, TXT, Word), enabling real-time, context-aware responses to user queries.
 - Technological Acquisitions:**Coordinated with external vendors to integrate advanced AI models and services, such as ollama, to bolster our data processing capabilities.
- Software Engineer
JP Morgan Chase & Co. • Mumbai, India Jun 2021 - Aug 2021

As a Software Engineer at JP Morgan Chase and co. ,I am fortunate to work on a wide range of exciting projects that utilize artificial intelligence,machine learning and data science.

I have been given the opportunity to perform various tasks such as:

 - Interface with a stock price data feed
 - Use JPMC frameworks and tools
 - Display data visually for traders
- Jr. Data Analyst
KPMG • Mumbai, India

I have been given the opportunity to perform various tasks in this internship such as:

 - Data Quality Assessment
 - Data Insights
 - Data Insights and Presentation
- Jr. Data Analyst
Quantium
 - Support in the internal alignment of Business Units in order to promote the continuous development of data-driven policy choices and data governance strategies.
 - Assist the company in using data to better understand customers and provide a better customer experience.
 - Insight generation and analysis based on leading data sources
 - Assist in stakeholder management by providing reports, insights, and actionable recommendations
 - Data preparation and customer analytics
 - Experimentation and uplift testing
 - Analytics and commercial application

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Certificates

- Google Data Analytics Professional Certificate • Google • 26 hours • 2023
- Rising Star Award • Mindcraft Software Pvt. Ltd. • 2024
- Google Cloud Career Readiness Certificate • Google • 14 hours • 2023
- HACKERRANK SQL ADVANCED SKILL CERTIFICATION • HackerRank • 2022

Projects

Training Management System

- Project Overview: Developed and launched a comprehensive Training Management System to streamline the internal training process, enhancing the organization's ability to manage and evaluate training programs effectively.
- Responsibilities:
 - Designed user-friendly interfaces for trainers to record attendance and manage course timelines.
 - Enabled HR professionals to track employee training progress, access detailed reports on completed trainings, and view feedback from trainers and participants.
 - Expanded administrative capabilities to include the addition of new training sessions and participant management.
 - Enabled Reporting Manager to accept or reject the training requests from the participants.
 - Technologies Used: Springboot, Java, Postgres for backend operations; Angular for frontend development.
 - Impact: Successfully improved the coordination and execution of internal training programs, providing robust reporting tools for HR management and ensuring compliance with training requirements.

Diabetic Retinopathy Detection using ML

Our model will provide classification of fundus images in 2 types first, No Diabetic Retinopathy and Diabetic Retinopathy will in turn will classify the condition into 4 stages 1) Mild DR 2) Moderate DR 3) Severe DR 4) Proliferative DR. Diabetic Retinopathy is a multiclass classification problem, for our project we will be implementing transfer learning with architectures like ResNet(Residual Neural Network) or VGG19 (Visual Geometry Group (a group of researchers at Oxford who developed this architecture)).

Online Shopping System

In this UI based web application on Online Shopping System a customer can add products to cart which he wants to purchase. Only the Administrator can add the Products in a Product list. Customer is able to see the product list and according to product id, customer will add required number of quantities of product to cart.

Emotional Detection Music Player System

In this project, I have integrated computer vision and machine learning techniques for connecting facial emotion for music recommendation. In this real time face input of human using webcam, then image processing techniques are performed on the input acquired image. The features from the input images are extracted using point detection algorithm. The classification algorithm OpenCV is used for training the input images for facial emotion detection then haar cascade sampling is performed.