Fictitious Project Descriptions

EcoCart

Description: Developed a web-based platform that calculates the carbon footprint of online shopping carts in real-time.

Tech Stack: React, Node.js, MongoDB, GraphQL, AWS Lambda

Features: Real-time API integration with major e-commerce platforms, carbon footprint calculator, alternative product suggestions.

Dates: June 2022 - December 2022

Details: Implemented serverless functions for on-demand data processing and used GraphQL for efficient querying of user preferences and product data.

MuseAI

Description: Created an AI-powered music recommendation system that curates personalized playlists based on a user's mood and activities.

Tech Stack: Next.js, TensorFlow, PostgreSQL, Docker, Google Cloud

Features: Machine learning algorithms for mood detection, playlist generation, and user feedback loop.

Dates: January 2023 - August 2023

Details: Utilized TensorFlow for training the recommendation model and Docker for scalable deployment in a cloud environment.

FitLink

Description: Built a comprehensive fitness app that connects users with personal trainers for virtual sessions.

Tech Stack: Angular, Spring Boot, Firebase, WebRTC, Kubernetes

Features: Real-time video conferencing, workout tracking, nutritional advice integration, push

notifications.

Dates: March 2022 - October 2022

Details: Implemented WebRTC for peer-to-peer video communication and Firebase for real-time database and authentication.

HealthBuddy

Description: Developed a virtual healthcare assistant that uses AI to provide preliminary health diagnoses and schedule virtual appointments.

Tech Stack: Vue.js, Flask, Elasticsearch, Redis, AWS

Features: Symptom checker, AI-driven diagnosis, appointment scheduling, patient data management.

Dates: May 2021 - January 2022

Details: Leveraged Elasticsearch for fast and scalable search functionality and Redis for caching frequent queries.

EduFusion

Description: Designed an online learning platform that offers interactive, personalized lessons.

Tech Stack: React, Django, PostgreSQL, Redis, AWS S3

Features: Virtual classrooms, interactive lessons, adaptive learning algorithms, peer collaboration tools.

Dates: February 2023 - November 2023

Details: Utilized Redis for session management and real-time communication and AWS S3 for scalable content storage.

EventSphere

Description: Created a web app for managing and promoting virtual and hybrid events.

Tech Stack: Svelte, Node.js, MySQL, Socket.IO, Azure

Features: Ticket sales, live streaming, virtual networking, analytics dashboard.

Dates: October 2021 - May 2022

Details: Implemented Socket.IO for real-time chat and notifications, and used Azure for cloud services and deployment.

TravelGenie

Description: Developed a travel planning tool that uses AI to create customized itineraries.

Tech Stack: Angular, Flask, MongoDB, TensorFlow, Google Maps API

Features: AI-driven itinerary planning, booking integrations, real-time travel suggestions.

Dates: July 2022 - February 2023

Details: Used TensorFlow for AI itinerary generation and Google Maps API for location and travel route data.

PetPal

Description: Built a social network and marketplace for pet owners.

Tech Stack: React Native, Node.js, PostgreSQL, Firebase, AWS

Features: Lost-and-found service, marketplace for pet products, social networking features.

Dates: April 2021 - November 2021

Details: Implemented real-time location tracking using Firebase and a secure marketplace using AWS.

SmartGarden

Description: Designed a web-based application for monitoring and managing smart garden devices.

Tech Stack: Vue.js, Flask, InfluxDB, MQTT, Raspberry Pi

Features: Soil moisture tracking, plant growth monitoring, automated care suggestions, smart device integration.

Dates: August 2022 - April 2023

Details: Utilized MQTT for IoT device communication and InfluxDB for time-series data storage.

Artify

Description: Created an online platform for artists to create, share, and sell their digital artwork.

Tech Stack: Next.js, Express, MongoDB, WebSocket, Ethereum Blockchain

Features: Digital artwork creation, collaboration, blockchain-based marketplace.

Dates: January 2022 - September 2022

Details: Integrated Ethereum for secure transactions and WebSocket for real-time collaboration.

GreenHome

Description: Developed a web app to help homeowners monitor and reduce their energy consumption.

Tech Stack: Angular, Node.js, MongoDB, D3.js, AWS IoT

Features: Real-time energy usage data, smart home device integration, energy-saving tips.

Dates: November 2022 - May 2023

Details: Used AWS IoT for device communication and D3.js for interactive data visualization.

GameMingle

Description: Built a social platform for gamers to find and connect with other players.

Tech Stack: React, Ruby on Rails, Redis, WebSocket, AWS

Features: Game matchmaking, live chat, tournament hosting.

Dates: March 2021 - December 2021

Details: Implemented WebSocket for real-time chat and Redis for fast data retrieval and caching.

SafeDrive

Description: Created a web application that tracks and scores driving behavior to improve road safety.

Tech Stack: React Native, Node.js, MongoDB, TensorFlow Lite, AWS

Features: Driving behavior analysis, real-time feedback, safety tips.

Dates: February 2022 - September 2022

Details: Utilized TensorFlow Lite for on-device driving analysis and AWS for scalable backend services.

VirtualMuseum

Description: Developed an interactive platform for virtual museum tours.

Tech Stack: Three.js, Django, PostgreSQL, WebVR, AWS

Features: 3D exhibits, guided tours, VR support.

Dates: January 2023 - July 2023

Details: Used Three.js for 3D rendering and WebVR for immersive VR experiences.

NeighborGoods

Description: Designed a community-based platform for buying, selling, and renting items within local neighborhoods.

Tech Stack: React, Node.js, PostgreSQL, Stripe API, AWS

Features: Secure transactions, item verification, community reviews.

Dates: May 2021 - December 2021

Details: Integrated Stripe API for payment processing and AWS for secure and scalable hosting.