Ophir Raj

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PROFESSIONAL SUMMARY

Data focussed AI engineer with 8 years of experience developing applications for server, web and mobile platforms. Principally S.O.L.I.D in writing robust and reusable code that is easy to extend. Experienced in develeping multi modal machine learning alogrithms and gen ai solutions

AREAS OF EXPERTISE

PROFESSIONAL SKILLS

MACHINE LEARNING | DEEP LEARNING | EXPLORATIVE DATA ANALYSIS | NLP | RAG | DESIGN PATTERNS | UNIT TESTING

TECHNICAL SKILLS

PYTHON | SQL | PYTORCH | TENSORFLOW | SCIKIT-LEARN | PANDAS | LANGCHAIN | NUMPY | SPACY | DOCKER | REACTJS | REACTNATIVE | GO

PROFESSIONAL EXPERIENCE

SENIOR CONSULTANT,
Innoclique, Feuji | India.

January 2024 - August 2025

- Created a convolutional neural network to identify required image from the set of all other images with 90% precision

- Developed clustering classifier which classifies users into active, most-active, non-active groups and churn prediction algorithm to estimate user engagement

- Developed Neural Network of LSTM architecture to recognize anomalies in health data.

- Developed a presonal step goal recommendation and reward prediction alogrithms, leveraging user activity

- Created a RAG app using open-ai embdeddings, LangChain and FAISS thus replacing legacy Zendesk chatbot

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DATA ANALYST,
GYT Works | India.

February 2022 - Novemeber 2023

- Conducted explorative data analysis on data from different domains including logisitics, health, DigitalAds.

- Created a pipeline to retrieve data from databases and perform feature engineering

- Built and deployed predictive models which determines the estimated time of arrival of trucks

- Handled the responsibility of mantaining and finetuning anomaly detection models.

- Designed, developed and maintained a high performance python microservice.

SOFTWARE ENGINEER,
Publicis Sapient | India

September 2019 - November 2021

- Made significant contribution as a fullstack developer working for 3 clients: Mariott, McDonalds and UAE Dept. of Education.

- Engineered scalable microservices using Node.js and Go 1.20.5.

- Using NextJS, built several server side rendered components and integrated UI from 5 micro frontend repos using Webpack module federation.

- Participated in development and performance improvement of Angular 6 SPA for client, UAE Dept. of culture and Tourism.

- Implemented SSO and UI layer which embeds MasterCard payment gateway thus enabling seamless transactions for end user.

- Enhanced the performance by employing pre-loading and lazy-loading strategies whilst loading UI components and fetching data

thus achieving the loading time of < 1 second.

FRONTEND DEVELOPER,
Innominds | India

August 2018 - August 2019

- Played a significant role as frontend developer working for client Atheer Air.

- Accomplished development of a web app which enables realtime communication, using Angular 4.

- Manufactured and enhanced a robust video calling UI which works seamlessly in all major browsers.

- Employed high accessible standards, improving the score from 50% to 92%.

FRONTEND DEVELOPER,
Agility E Services | India

December 2016 - August 2018

- Spearheaded the migration of UI layer from multiple .Net projects to Angular 2.

- Provided Angular, NgRx training to a team of 30 .Net developers.

- Actively involved in creating 15 reusable Angular modules which were later published as private npm packages.

EDUCATION

MSc Data Science
University of Hertfordshire, UK.

B.Tech
SR Engineering college. INDIA