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Suhail Gulzar

Full stack MERN developer / Data Scientist

Hands on experience in Full Stack Web Development, Machine Learning among other technologies in finding practical solutions to modern day business problems.

Experience

Software Engineer
Travel Solutions International, Mumbai, IN / Apr 22 – Present

Working on developing the frontend for TSI(USI) on the web as well as the mobile platforms (using react and react-native) with emphasis on optimization, accessibility and reusable assets.

Data Scientist
Rubixe, Bangalore, IN / Nov 20 – Dec 21

Worked closely with business to build Artificial Intelligence based solutions as per their requirements. Also had the responsibility of training aspiring data scientists in wide domains of problems solving using machine learning and state of the art AI models.

Associate Data Scientist
Rubixe, Bangalore, IN / Aug 20 – Nov 20

Had the responsibility of examining client data and operational process to identifying processes and problems that could be assisted using machine learning.

Full Stack Web Developer
Rooman Technologies, Bangalore, IN / June 18 – Dec 18

Was tasked with developing and deploying full stack projects. Got opportunities to work on the frontend as well as the backend of web projects using distinct technologies and frameworks.

Skills

React • JavaScript • Express • Mongo DB • Git • React Native • Python • Machine Learning • Tableau • Deep Learning • Data Wrangling • Data Visualization • Digital Image Processing

Alma Mater

Master of Technology — Computer Science and Engineering
Shri Mata Vaishno Devi University, India / Graduated 2021

Bachelor of Engineering — Computer Science and Engineering
Model Institute of Engineering and Technology, India / Graduated 2018

Research

Flow Based MRI Super-Resolution | 2021
Work in publication process - Being the topic of study for M. Tech Thesis, came up with a novel method using Deep Neural Networks and Video Frame Interpolation for increasing the spatial resolution of 3D medical images. Evaluation metrics imply this method outperforming the other state-of-the art methods in the domain.

GNOSIS: Towards Automated Knowledge Management | 2017
This paper proposes a cloud-based system for facilitating knowledge enhancement of individuals by automatically collating information from credible sources and delivering them in a personalized manner to the end user.

Projects

endPing | Secure end-to-end encrypted MERN based project with emphasis on confidentiality. The server never has any knowledge of the content sent across by making sure only the end-users have their decryption keys.

Gnosis | A project aimed at combining in class and online class learning into a single platform by collecting and dispatching educational nuggets to students as per their comprehension level.

Linear Regression Visualized | An interactive webpage to help visualize the inner working of one of the most popular Machine Learning Algorithms- Linear Regression.

Diabetic Retinopathy Detection |Using images of eye fundus, build and trained a deep learning model capable of classifying an image into one of the stages of Diabetic Retinopathy.