

Suhail Gulzar

Full stack MERN developer / Data Scientist

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

Experience

Data Scientist

Job / Rubixe, Bangalore, India / Nov 2020 – Dec 2021

Worked closely with clients to build Artificial Intelligence based solutions and proof of concepts 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

Job / Rubixe, Bangalore, India / Aug 2019 – Nov 2020

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

Job / Rooman Technologies, Bangalore, India / June 2018 – Dec 2018

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

Full Stack Web Developer

Internship / CRIE, Jammu, India / May 2017 – Mar 2018

Worked as project lead during development of a cloud-based learning platform in an aim of combining online and offline aspects of classrooms. The internship lasted almost an entire result and the end result was a platform for students to assimilate the leading-edge technologies in their field mixed with their traditional syllabus.

Skills

React • JavaScript • Express • NextJS • 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 my M. Tech thesis, created a novel method using Deep Neural Networks and flow between slices in 3- dimension to 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

Presents a cloud-based system for facilitating enhancements in knowledge consumption of individuals by automatically collected 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.

ML 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.