JAISON DSOUZA B

4th year, Computer Science Engineering

I'm willing to work in a challenging environment to utilize my skills for the growth of the industry, while improving them and growing individually.

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EDUCATION

Bachelor of Engineering
Sahyadri college of engineering & management

08/2017 - Present   *Mangalore*

Course
- Computer Science

Pre-University Course
TIHSS Naimarmoola

06/2015 - 03/2017   *Kasaragod*

Course
- Computer Science

PROJECTS

Application of ML algorithm for prediction of Bipolar disorder
- Developing a predictive model using ML algorithms namely Random forest, SVM, Logistic regression etc. for the detection of Bipolar disorder.

Weather app
- A web application for users to get weather information about the location they are searching for. Built using Nodejs server.

Task manager
- Web application for users to signup, add, and manage the tasks they have to perform. Implemented CRUD using Nodejs and MongoDB as database.

Shopping web app
- Built a shopping web app using Angular for frontend and Nodejs for backend. Used Web scraping technique to get data from other websites.

Medicine delivery system using hybrid VTOL
- Built a VTOL model using Pixhawk, NVIDIA Jetson Nano as hardware components and PX4 QGC, OpenCV and PX4 Mavlink as software & online services.

INTERNSHIPS

Developer
CSD, NITK Surathkal

03/2021 - Present   *Mangalore*

Tasks
- Virtual lab development
- Research and development on UAVs

Angular UI designer
HealtheLife

06/2020 - 09/2020   *Bangalore*

Tasks
- Developed an Angular UI for a real time project named "Ayush EHR" which is a platform for consulting doctors online.

SKILLS

Presentation   Programming   Team work

Flexibility   Problem solving

ACHIEVEMENTS

SIH 2019-20 Hardware edition Winners(Ministry of Health & family welfare)
Design and development of an autonomous hybrid VTOL aircraft with folding wing configuration for the last-mile delivery of medicines for rural and remote areas.

Hacktoberfest Hackathon Winners
DigitalOcean

AREAS OF WORK

Web app development

Mobile app development

Machine Learning

Image processing

UI-UX designing

Vector designing

Ground and Aerial Robotics

Internet of things

TECHNICAL PROFICIENCY

HTML / CSS	JavaScript
Angular	Vuejs
Nodejs	MongoDB
C / C++	Java

INTERESTS

Neuroscience   Brain Computer Interface

Full stack development   Robotics