

SAJIN JOLLY

Computer science graduate with a good foundation in programming principles and a passion for learning, Seeking opportunities to contribute to the development and growth of innovative projects.



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sajinjolly



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PERSONAL

Address:



Kannalil House,
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Kerala, 685552

DOB:



04 April 2002

Languages:



English, Malayalam,
Hindi

WORK EXPERIENCE

Sutherland Global Services

Kochi, India
06/2022 - 12-2022

INDUSTRIAL VISITS

Sutherland Global Services

Kochi, India

EDUCATION



MEA(R)N Stack Web Development

Luminar Technolab

Basics: HTML, CSS, GIT, JavaScript / ES6, TypeScript, Bootstrap.

MongoDB: Data modeling, CRUD Operations, Database & Collections, MongoDB with Nodejs.

Express JS: Routing, HTTP Methods, URL Building, Middleware, Express with Database (Mongoose), JWT Token Authentication, Rest APIs, Error handling.

Angular: CLI, Components & modules, Data & Event binding, Dependency Injection, Templates & Directives, Pipes, Routing, Validators, RxJs, Parent child communication, Services, Async event handling, HTTP Service and HTTP Client, Forms, animations & materials.

React JS: JSX, Components, Functional & Class component, Rendering, State and Props, Forms, Controlled components, Consuming rest apis(axios), Events, Routing - React router, Redux

Node JS: Server, Request and responses, NPM, Callbacks, Event-driven concepts, Event loop, and Emitter, Buffers, Streams, File system, Global objects, Utility modules, Rest API through Nodejs.



Bachelors (B.Voc) Information Technology

CMS College

MG University, Kottayam, India

Major Subjects :- Web development, Mobile Application Development- Android, Information security, Computer Networks, Operating Systems, Virtual and Augmented Reality, Embedded Systems, Internet of Things, Open Source Software, Microprocessors , Software Engineering & Testing, OOPS using Java, Data Base Management Systems, Data Structures and Algorithms , Programming in C.

Major Labs :- Web development, Internet of Things, Web development, Android Development, Computer Animations, Java Programming, Data Base Management Systems, Data Structures, C Programming.

PROJECTS

REACT.JS PROJECT

- Practical involvement in an actual project(react) in real-time.
- Worked on JSX, databasae and several other modules.
- Understanding of git and its implementation for version control.

AI BASED HUMAN COUNTING AND MASK DETECTION

- AI model developed with **python** using **keras** and **numpy**.
- **MongoDB** database is sused for storing data.
- Application is containerized for saclablity using **docker**.
- Used opensource image data set for trainign model.

DRIVER DROWSINESS DETECTOR

- Python based sytem to detect driver drowsiness in real-time.
- Using OpenCV and Keras along with an opensource dataset.
- Input feed from camera, detect drowsines based on eyes open/closed, generate alert.
- Developed a deeper understanding of AI-driven systems

GESTURE VOLUME CONTROL

- Adjust volume based on hand gestures.
- Capture data from a camera, utilize OpenCV to produce points, and then transform these points into the appropriate range of volume values.

COMPETENCIES

SOFT SKILLS:

Adaptability

Teamwork

Problem Solving

Communication

TECHNICAL SKILLS:

Python

HTML

CSS

Angular

React

Java

Mongo DB

MySQL