

Kedar Undalkar

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SKILLS

Software Skills:- Angular, JavaScript, Moment.js, Lodash.js, Data Structure, Ionic.

Version Control:- GitLab, GitHub, SVN.

Integration Tool:- Jira

EXPERIENCE

Merce Technology pvt. Ltd, Navi Mumbai – *Application Engineer.*

1. Project Name :- NMASS at National Stock Exchange.

Duration :- June 22 - Oct 22.

Platform:- Angular 12, Bootstrap, Java, SpringBoot, SQL, NGINX.

Description :- Web application NMASS UI. We have different multiple applications that we are maintaining in one application i.e. called NMASS. This application comes under NSE Clearing. It can be used as a super admin, admin, user.

2. Project Name :- Broadside Application Tech.

Duration :- December 21 - May 22.

Platform :- Angular 13, Swagger, Balsamiq Design Tool, Java Spring, PostgreSQL.

Description:- Web applications Broadside SMS UI/Mail UI. The Objective of this project is to send multiple promotions applications to user. Example Your Bank has some new loan features and they want to send more than 1000 people so you can send the features to help with this software.

3. Project Name :- Kvadrato Hybrid Application.

Duration :- December 21 - April 22.

Platform:- Ionic 6, Angular 13, PouchDB CouchDB, Java, Spring.

Description :- Mobile Hybrid Application called Sydkyk App. The objective of this project is to have communication between group and person to person chat as well as you can To Do alarm, event management to create between person or group and you send media.

Liftoff Software India pvt. Ltd, Bangalore— Software Engineer.

1.Project Name:- Juicymiles client side/admin side.

Duration :- April-21 - December 21.

Platform :- Angular (v8,v10,v11,v12),SCSS,Angular Material,HTML5,Firebase.

Description:-

Client Side.

The first main objective of the project is to find the best airplane with selected criteria. Second main objective is to redeem the value from loyalty cards to your program cards . Basically there are two modes: round-trip and one-way.If a user is not able to search the best airplane then with the help of a concierge user can approach the admin.

Admin side.

Admin can book the best flight as per user requirement.Admin can review the user search.

2.Project Name :- Thrively

Duration :- March-21 - April-21.

Platform :- Angular v8, HTML5, CSS,Bootstrap v4.

Description :- The Main Objective of the project is to teach students online and to find purpose and passion of the student and discover strength and you can maintain and track your progress. Parents can see their growth and how he/she builds his/her character.Educator or Teacher can teach their students in 360 ways.Student or parent can use ready to use program.Student or teacher can use third party classrooms like microsoft or google classroom and many more.

Optimuslogic pvt. Ltd India, Bangalore— Software Engineer.

1.Project Name :- Titan Smart Watch.

Duration :- July-20 - Aug-20.

Platform :- STM32F407,MAX30102 Heart rate sensor,Tilen Majerle,I2C.

Description :- Configure and set up the max30102 sensor with STM32f407 Board and I2C Communication Protocol. Has Accuracy of 90% getting Spo2 and heart rate value. Value being Start and Stop using UART Terminal as the command line.

2.Project Name :- MedicalIoT App.

Duration : -June-20 - July-20.

Platform :- Ionic, Angular,Node Js,MangoDB,MQTT,Ngx-Mqtt,BLE.

Description :- The Main objective of this project is that doctors can check their own device(Glucometer,HeartRate & Spo2,ECG) data on remote locations . Taking BLE device data and Show on the Android mobile device. This Data is stored on the device and sent to MQTT Base Server and displayed on the website.

3.Project Name :- Game Theory - Badminton Model.

Duration :- Feb-20 - May 20

Platform :- SensiML Tools and Chilkat, QL Flashing Tool Kit.

Description :- The main object of the project is checking the action of badminton and taking record of each action point. Take data and label it for each shot on the Data Capture Lab, We build models using SensiML Analytics Studio and Notebook with 95% accuracy. This Model we flash On Chilkat watch Using QL Flashing Tool Kit and Test this model on SensiML TestApp.

4.Project Name :- Kyocera Mobile Phone Testing Application.

Duration :- August-19 - Jan-20

Platform :- Python, PyQt.

Description :- The main object of this project is to overcome existing linux programming base testing benchmarks that have TDS processes to see logs and debugging the logs and to do regression testing .So we created a PyQt base UI. This also handles the regression testing (ADB commands,UART Logs, Kernel Logs) and is able to see logs.

Optimuslogic pvt. Ltd India, Bangalore– Intern.

March - 19 To July - 19.

- Ultrasonic Sensor Configuration With ESP32-Wroom-32d.
- BLE with Nordic App.
- Explore the LDR Sensor.
- GPS value on UART.

Academic project, CDAC Bangalore

Dec-18 - Jan-19 Duration - 1 Month

Project Name :- Smart indoor environment safety monitoring system.

Platform :- Node-Red,Python.

Description :- The main objective of this project is to monitor the environmental parameters such as Temperature, Relative Humidity, Air Quality (LPG, CO and Smoke) and Fire Detection using Raspberry Pi. Parameters can be monitored locally on UI designed by Node-Red as well as remotely on Cloud. If any of the monitoring parameters crosses the desired operating range an alert will be sent on phone via message and email services. Data of sensors is collected using mongoDB and analyzed using Python.

EDUCATION.

CDAC, Bangalore– PG DIPLOMA-IOT

Feb 2019 Bangalore.

- First Class

Mumbai University, Karjat– B.E in Computer Science.

July 2018 University of Mumbai.

- Second Class.