BASTIN JOEMICS.J

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○ https://github.com/JOEMICS03

CAREER OBJECTIVE

- The core objective is to emerge as a leading professional.
- Seeking an apt environment that encourages creativity and a platform to expose my ideas.

ACADEMIC ARENA

- Pursuing B.E. in Electronics and Communication at St. Joseph's College of Engineering, Chennai with **7.40 CGPA** till 5th semester

ACADEMIC CREDENTIALS

- Completed H.S.C in C.E.O.A mat. Hr. Sec. School, Madurai under Tamil Nadu state board with **89.00%**
- Completed S.S.L.C in MAHATMA C.B.S.E School, Madurai under Tamil Nadu state board with **88%(8.8CGPA).**

IT PROFICIENCY

- **IDE handled:** NetBeans, Arduino, Energia, MATLAB, Visual studio, Android Studio, IntelliJ IDEA, Blue prism, Processing, PyCharm.
- **Programming languages:** C, C++, JAVA, Basics of Python, DART
- **Web Programming languages:** JavaScript, HTML, CSS, Basics in MySQL
- **Embedded Programming:** Arduino, Raspberry Pi, Texas Instruments, RPA.

AREA OF INTEREST

Programming and App developments
IOT, Automation & Integration

PROJECTS DEVELOPED

Nov 18- Jan 19 ❖ **IOT BASED HOME AUTOMATION SYSTEM**
  ➢ **TECH STACK** (Node MCU, Blynk app, Relay Module, Google Voice Assistant, IFTTT Platform)

Feb 19- June 19 ❖ **SMART PRESCRIPTION**
  ➢ **TECH STACK** (MIT App inventor, Flutter, Firebase, NFC scanner, NFC reader)

Jun 19- Sept 19 ❖ **BIKE CRASH DETECTION**
  ➢ **TECH STACK** (Raspberry pi, MPU6050, MIT App inventor, GSM module, GPS module, Relay, Bluetooth module)

Sep 19 ❖ **WOMEN SAFETY DEVICE**
  ➢ **TECH STACK** (Arduino, NFC scanner, NFC reader, Motion sensor, GPS module, 4G GSM module, MIT App inventor)

Nov 19 ❖ **SMART DUSTBIN**
  ➢ **TECH STACK** (Arduino, Ultrasonic sensor, GPS module, GSM module, MQ-06 Gas sensor)

Nov 19 ❖ **SMART GLASS**
  ➢ **TECH STACK** (Node MCU (ESP8266), Ultrasonic sensor, GPS module, GSM module, MPU6050, Buzzer)

Nov 19- Jan 20 ❖ **ALUMINI TRACKING**
  ➢ **TECH STACK** (MIT APP inventor, Firebase, NFC)

Nov 19- Feb 20 ❖ **POTHOLE CHALLENGE**
  ➢ **TECH STACK** (HTML, NODE JS, Firebase, Flutter, MPU6050, Artificial Intelligence, Arduino, Flex sensor, GPS & GSM Module)

QUALITATIVE EXPOSURE CERTIFICATION

- Won first prize in "**SMART INDIA HACKATHON – Software Edition 2019**" for the development of a hybrid app on the topic "**Digital solution for 10x growth in prescriptions** conducted in Dr. REDDY'S LABORATORY.
- Participated in the final round of "**SMART INDIA HACKATHON-HARDWARE EDITION 2019**" for the problem statement "**Bike crash detection"** conducted by YAMAHA.
- Participated in the Internal Hackathon of "**SMART INDIA HACKATHON-SOFTWARE EDITION 2020**" for the problem statement "**Pothole Challenge"** conducted by GOVT OF GOA.
- Won first prize in "**INDOVATORS AWARDS 2019"** on the topic **"Smart Ambulance Navigation System"** conducted by GOVT OF KERALA.

ACHIEVEMENTS

- Awarded with **Grade "C" in Business English Certificate**, Council of Europe Level B2, conducted by "Cambridge English Language Assessment – Part of the University of Cambridge".
- Certified for Completion of **C training** by IIT-CHENNAI in Feb,2018
- Won First prize in "**Paper Presentation**" (DRONE YOUR PHONE AUTOMATION) technical symposium conducted by Madras Institute of Technology, Chennai.
- Won First prize in "**Robozest**" technical symposium (Kurukshetra) conducted by CEG (Anna University), Chennai.
- Won Second prize in "**DAKSH HACKATHON**" for the development of a hybrid app and web app on the topic "POTHOLE CHALLENGE" conducted by Sastra University, Tanjore.

EXPERIENCE

- Participated in **value added course** on "Digital Image Processing" conducted by Ielektron technologies in St. Joseph's College of Engineering during June,2019.
- Participated in "IOT" **Workshop** conducted by IIT Research Park Madras.

- Undergone **internship** in the domain of "Telecom technologies" in BSNL, Madurai as a 5 days training program during June,2018
- Undergone inplant training in the domain of "Fundamental of solar PV" at Cloud Solar Systems.
- Undergone **inplant training** in the domain "Java" at Zeal soft Technology Solutions

- Undergone **inplant training** in the airport systems department of Airports Authority of India, Chennai in 2019.

- Undergone **internship** in the domain "Embedded Systems" at Wegot Utility Solutions.

- Participated in "GNSS- Autonomous Navigation and Mission Critical Application" Workshop conducted by St. Joseph's College of Engineering, Chennai

EXTRA-CURRICULAR ACTIVITIES

- Organizer of Prototype presentation in the National level technical symposium conducted by St. Joseph's College of Engineering in Sep,2019.
- Active member of OSA society at St. Joseph's College of Engineering, Chennai.
- Organizer of **ELIXIR** – State level project fest conducted by St. Joseph's College of Engineering in Aug,2019
- Organizer of **ENIGMA** – Intra College Quiz Competition conducted by St. Joseph's College of Engineering in Dec,2019
- **Treasurer** of the **OSA** society in the year **2019**.
- **President** of the **OSA** society in the year **2020**.

REFERENCE

Dr. P. EZHILARASI, Head of the Department of Electronics and Communication Engineering at St. Joseph's College of Engineering, Chennai

Dr. S. RAJESH KANNAN, Associate Professor of the Department of Electronics and Communication Engineering at St. Joseph's College of Engineering, Chennai,

PERSONAL DETAILS

Name:	Bastin Joemics J.
Father's Name:	John Kennedy S.
Date of Birth / Age:	03.11.1999 / 20
Sex:	Male
Languages known:	Tamil, English
Nationality:	Indian

Declaration: I hereby declare that all the information furnished is true to the best of my knowledge.

Place: Chennai
Date: 05.07.2020