

Libin Mathew Varghese

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Linkedin | GitHub | HackerRank

EXPERIENCE

FullContact | Associate Data AnalystKochi | Nov 2021 - PRESENT

- Worked with the Identibase Engineering team in improving the match rate from 73% to 92% within 2 quarters
- Part of the team that was testing changes to algorithms as they got introduced
- Automated labelling efforts which improved the efficiency of team by reducing time taken for an analysis from 4 days to 6 hours
- Was part of the team doing Low Resolve Rate Analysis on customer files; identified issues with the input files and process and suggested methods to improve the resolve rate

isgoing.online | Associate SDEKalamasery | Aug 2021 - Oct 2021

- Built various REST APIs to support frontend systems
- Developed an Arduino based product UI website integration using WebSerial API
- Integrated Unicode support to the Linux based server to handle PDF conversions of data from different languages
- Did Android App QA Testing for Kudumbasree Insurance Project

IEEE SB CEC | PES SBC Chairperson, College of Engineering ChengannurChengannur | Feb 2020 - Feb 2021

- Coordinated the activities and managed a 3 member Executive Committee of the largest Student Branch Chapter (IEEE PES SBC) of IEEE Student Branch, College of Engineering Chengannur
- Organised and undertook CREED, a hands on online interactive session that focused on individual improvement in various technical and non technical skills
- Coordinated and volunteered in the activities organised by a 30 member Executive Committee of IEEE SB CEC

IEEE SB CEC | PES SBC Vice Chairperson, College of Engineering ChengannurChengannur | Feb 2019 - Feb 2020

- Coordinated the activities of IEEE PES Student Branch Chapter, College of Engineering Chengannur
- Provided hands on training in various tiers and on machine controls of Fab Lab, College of Engineering Chengannur
- Volunteered in Flood Relief activities by fabricating emergency power banks in bulk for flood relief camps in collaboration with IEEE RAS Student Branch Chapter, College of Engineering Chengannur

IEEE LINK | Online Competitions CoordinatorKochi | Feb 2020 - Feb 2021

- Organised the LINK Online Competitions during the timeframe and managed a 7 member Executive Committee.
- Conducted recurring tech based quiz competitions based on the IEEE Spectrum Magazine
- Conducted open source coding contribution project to build a Quiz App.
- Initiated a blogging competition with the intention of developing documentation skills amongst the member

INTERNSHIP

TELK | AngamalyJune 2017 - July 2021

- Studied the design and manufacture of High Capacity Transformers
- Understood the concept of On Load and Off Load Tap changers in Transformers by seeing them in action
- Studied transformer testing and transformer oil testing methodologies
- Studied the uses of insulators in transformers and also about insulation testing

EDUCATION

COLLEGE OF ENGINEERING CHENGANNUR | APJ Abdul Kalam Technological UniversityJune 2017 - July 2021

Bachelor of Technology | Electrical and Electronics EngineeringCgpa: 6.97

BMM SENIOR SECONDARY SCHOOL, POTHENPURAM | CBSE2015 - 2017
Higher Secondary Education | PCMCPercentage: 80.8%

BMM ENGLISH MEDIUM SCHOOL, POTHENPURAM | CBSE2014 - 2015
SSLCGpa: 9.8

SKILLS

Programming LanguagesJava, C, Cpp, Python, HTML, Javascript
Libraries/FrameworksCSS, MySQL, prestoSQL, Flask
Tools / PlatformsGithub, Visual Studio Code
DatabasesRDBMS

PROJECTS / OPEN-SOURCE

Automated External Defibrillator

- Implemented a 12V to 2kV secondary side boost converter model to build an AED to be used in public transport
- Arduino Mega based H-Bridge program was implemented
- Hardware prototype was developed for the project

Light Fidelity

- Implemented a LiFi model that transmits data wirelessly
- Can transmit data in both dark and lighted rooms
- Transmission lag is minimal due to speed of light
- Based on Solar Panel receiver and LED transmitter

CERTIFICATIONS

- Programming Fundamentals - Coursera
- Programming for Everybody (Getting started with Python) - Coursera
- SQL: Data Reporting and Analysis - LinkedIn
- Automate the boring stuff with Python - Udemy

HONORS & AWARDS

- Core Value Recognition Award (Q2 2022)
- Best Team Award (Q1 2022)
- Best Performer Award (January 2022)
- Mentoring Friend Award (November 2021)
- Featured in the news for Flood Relief Activities
- Delegate of IEEE PES GSC 2020
- Participated in IEEEExtreme
- Participated in MLH
- Participated in Hacktoberfest