Dalin Joseph

josephdalin@gmail.com | +971502789535

EXPERIENCE

BOSCH GLOBAL SOFTWARE TECHNOLOGIES | SOFTWARE ENGINEER
July 2021 – July 2023 | Coimbatore, IN
- Requirement analysis, Software development and testing.
- Test-case preparation in dSPACE Automation and Manual testing in ControlDesk.
- HIL Test specification review and requirement analysis in DOORS.

CONTINENTAL AUTOMOTIVE | HARDWARE IN LOOP ENGINEER
April 2019 – June 2021 | Bangalore, IN
- HIL simulation in IPG CarMaker, offline and online simulation model.
- Coordinated with multiple departments to lead a software product evaluation resulting in a GUI solution to automate and enhance the engineering process for software module debugging using Vehicle Freeze Frame Data and Python.
- Automation of web based GUI application using Python, PHP, SQL.

SIEMENS INDIA | Junior Site Engineer
Feb 2017 – Jan 2018 | New Delhi, IN
- Testing and Commissioning for Delhi Metro Rail Corp. Electrical Department.
- SCADA and PLC system installation and sensor testing on-site.

PROJECTS

E-COMMERCE WEBSITE DEVELOPMENT | Full-Stack Development
July 2023 – Present | UAE
- **ABC Shop** - Back-end and Front-end development using Python-Django with SQL Database.
- Developed view and templates with Django view controller to create user-friendly website interface.
- Github:// **DJ2789/ecommercesite**

TO-DO APP | Web-based task planning application
July 2023 | IN
- Lead the development of **ToDo App**, a web-based task planning application.

VEHICLE FREEZE FRAME DATA TOOL | Automation of web based GUI application
April 2019 | IN
- Lead the development of web based GUI application using Python, PHP and SQL Data-base system.
- Extract the captured CAN-Bus Data, process and retrieve it to the GUI.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY
Master of Technology in Automotive Electronics
2018 – 2020 | Vellore, IN
Cum. GPA: 8.14 / 10.0

KARUNYA UNIVERSITY
Bachelor of Technology in Electronics and Instrumentation
2012 – 2016 | Coimbatore, IN
Cum. GPA: 8.1 / 10.0

SKILLS

PROGRAMMING
3+ years:
Python • C
2+ years:
PHP • JavaScript • HTML • CSS•
OpenCV • FLASK • SQL
2+ years:
Matlab • LabVIEW • PLC • DCS

TECHNOLOGY
Git/Github • IoT • Linux
DOORS • Django • Numpy • dSPACE Automation
UNIX • Windows
Artificial Intelligence • Automation

LINKS
Github:// **DJ2789**
LinkedIn:// **dalinjoseph**