

Nilesh Bayaskar

LabVIEW Developer(Application Engineer)

Houston, TX - Email me on Indeed: [indeed.com/r/Nilesh-Bayaskar/a347e35fd8d6a426](https://www.indeed.com/r/Nilesh-Bayaskar/a347e35fd8d6a426)

Looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills and helps me in broadening and enhancing my current skill and knowledge.

WORK EXPERIENCE

Software Engineer (LabVIEW Developer)

L&T Techservices - Mumbai, Maharashtra - March 2014 to Present

Responsibilities

- Selection of hardware.
- Prepare I/O list for DAQ
- Send the status report daily weekly
- Working cohesively with team members
- Deliver fast deliveries with quality to meet the client
- Involve daily onsite call for the status

Project 1. Off way Vehicle ECU Validation

- = System : CAN Technology, Data Acquisition System
- = Software : National instruments Lab VIEW 2013
- = Hardware : NI PXI 1050, NI PXI 8160, NI PXI 8464
- = Role : Programmer
- = Duration : March 2014

Description: Writing different test cases & develop LabVIEW program to simulate various sensors which communicate with ECU. Execute test cases, Test steps & test result are stored in Test Management tool.

LabVIEW Developer(Application Engineer)

Radix Electrosystem Pvt.Ltd - Navi Mumbai, Maharashtra - December 2012 to February 2014

Responsibility

- Prepare the Software flow chart.
- Requirement gathering.
- Develop the scada for customise products.
- Design and testing of required panel.
- Design the small utilities for new products.
- Meet the client expectations for the project.
- Major and interesting projects as follows

Project 1. rSCADA for ISOCSCAN-H

- = System : Data logging and Supervisory Control
- = Software : National instruments Lab VIEW 2012
- = Hardware : Radix ISOCSCAC-H
- = Data logged : NI CITADEL Database

- = Role : Programmer
- = Duration : Dec 2012 to till date

Description: We developed SCADA for customize product ISOSCAN-H. It communicates 16 channel out puts through MOD BUS. All the process values and alarms are display on system and log in CITADEL database and display data as per data management.

LabVIEW Developer(Application Engineer)

Artemis Tech,Pune - Pune, Maharashtra - July 2011 to December 2012

Responsibility

- Task allocation and tracking of tasks.
- Prepare the Software flow chart.
- Requirement gathering
- Estimate the Project future requirements
- Selection of hardware.
- Prepare the I/O list for DAQ.
- Send the Status Report Daily &Weekly.
- Working cohesively with team members.
- Deliver fast deliveries with quality to meet the client expectations for the project.
- Involved in daily onsite call for the status
- Major and interesting projects as follows

Project 1. Radiator Endurance Test

- = System : Hydraulic System
- = Software : National instruments LabVIEW 2010
- = Hardware : NI PCI 6251
- = Data logged : Text file
- = Role : Team Member
- = Duration : Nov 2011 to till Dec 2011
- = Client : Fine Automation, Pondicherry

Description: We developed system for testing radiator's endurance using NI PCI 6251. In this we made oil to flow through radiator at certain pressure for 100000 cycles and observed pressure in radiator continuously for any random peaks that may harm radiator.

Project 2. Hitch Valve Testing

- = System : Hydraulic System
- = Software : National instruments LabVIEW 2011
- = Hardware : Advantech PCI 1711
- = Data logged : Excel file
- = Role : Programmer
- = Duration : January 2012 to Feb 2012
- = Client : Eaton, Pimpri

Description: We developed a system for testing tractor Hitch valve using Advantech PCI 1711. In this we made oil to Flow through valve at certain flow and applied pressure to the valve. Check the different parameters and Logged value in excel file.

Project 3. Vehicle Axel Endurance Testing -DANA

- = System : Motion ,Data Acquisition system
- = Software : National instruments LabVIEW 2011
- = Hardware : NI PCI 6220 and NI PCI 6722.
- = Data logged : Microsoft SQL Server 2005
- = Role : Programmer
- = Duration : March 2012 to April 2012
- = Client : DANA, Pune
- =

Description: We developed system for testing Vehicle Axel endurance using NI PCI 6220 and NI PCI 6722. In this we applied specific RPM to axel to check its reduction. Check noise, torque and other parameters and logged data in SQL database. We also displayed this data as per data management.

Project 4. IGCAR's Project TEJAS

- = System : Vision inspection system
- = Software : National instruments LabVIEW 2011
- = Hardware : NI PXI 1045 and NI PXIe 1065.
- = Data logged : RAID(jpeg image)
- = Role : Programmer
- = Duration : January 2012 to November 2012
- = Client : Indira Gandhi Centre Of Atomic Research

Description: We developed system in which we communicated 12 cameras simultaneously using RS 485 Communication protocol. We grabbed images of atomic reactor, processed them and performed pattern matching to check any cracks in it.

Project 5. Chassis Inspection System

- = System : Vision inspection system
- = Software : National instruments LabVIEW 2011
- = Hardware : Image Source Camera, Advantech 1737 PCI card, Universal Robot
- = Data logged : SQL Database
- = Role : Programmer
- = Duration : September 2012
- = Client : Bajaj Auto, Akurdi

Description: We developed system in which we communicate with Universal Robot. Image Source camera is Mounted on robot arm. Robot arm moves on different Position of chassis take image. By the image we Inspect the chassis part missing and weld inspection.

EDUCATION

Bachelor of Engineer

Pune University - Pune, Maharashtra
2011

SKILLS

• Special Skill – Team Lead, LabVIEW Programming, Estimations • Tools - National instruments LabVIEW, Microsoft Office 2007, 2003 • Database - Microsoft SQL Server 2005 • Operating systems – Windows XP, 2000, 98. • Browser Used - IE 7.0, 8.0, Mozilla Firefox, Google Chrome • Others- • Knowledge of Data acquisition with National instruments hardware and other supporting hardware. • Knowledge of Mobile Module. • Knowledge of Vision. • Knowledge of DSC Module. • Knowledge of implementing communication protocol like RS 232,485