

# VISHNU GOPIDAS

## PROFESSIONAL SUMMARY

Pune, Maharashtra-India

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A passionate, detail-oriented, enthusiastic, competent professional with More than two and half years of experience in the Industrial automation field. Currently working for Honeywell as an off-role engineer in the SCADA-HMI sector (EPKS) and also a part of Report development, Designing, implementing, and maintaining supervisory control and data acquisition (SCADA) systems and human-machine interface (HMI) solutions. Adept at collaborating with cross-functional teams to deliver efficient and reliable automation solutions for industrial processes.

## WORK EXPERIENCE

### Project Engineer (HMI/SCADA)

#### Honeywell Automation India Private Limited (HAIL) as a

#### Flex Engineer (from:-Virtuoso Projects & Engineers Pvt. Ltd.)

(October 2022 to present) - Pune, India

- Various customized Report Development in MS Excel by using VBA/SQL for the EPKS solutions Like Alarm report, totalizer report, ESD report, top 10/20 frequent alarm report etc.
- HMI/SCADA Graphics Development for process automation like the oil & gas, chemical and other industries from P&ID and QC/Validation, Migration of old system to the new system(GUS TO EPKS), HMI/SCADA system testing.
- Shape development IN VB Script and Java Script.
- project accomplished Real-time monitoring, Data Acquisition, and controlling of various field parameters.
- QDB Data Base development and modification.

### Jr. Automation Engineer

#### S V Controls

(January 2022 to September 2022) - Pune, India

- Beijer HMI development in IX Developer software.
- R&D on logic development for Das System
- Panel FAT
- Bill of material(BOM) verification, Panel FAT ReportCreation.
- EDMS IPC SCREEN & power supply panel Installation & Commissioning & EDMS Trouble-shooting.
- worked with Beijer HMI Development /Chartless recorder HMI Development
- Used communication protocols like LIN Protocol, Modbus-TCP/IP & RTU, EtherNet/IP, OPC-UA, and Serial communication like RS-232, and RS-485 Learn about Ethernet switches learn to Use a Calibrator to calibrate the device.
- Products-used:-EurothemPAC, PLC, Mini8controller, Chartless-recorder, Opto22 Grove EPIC, Beijer HMI, ESA IPC.

### Automation Engineer Trainee ~ (Internship)

#### SMEC AUTOMATION

-Kochi, India

(June 2021 to October 2021)

- DCS-HONEYWELL-(Plant Cruise by Experion C300-Configuration Studio 4.0
- PLC-programming|SCADA|HMI|VFD|PAC|MCC(Siemens, Mitsubishi, Rockwell,Schneider Electric etc...)

## SKILLS & PROFICIENCIES

- SCADA REPORT DEVELOPMENT
- SQL,PYTHON,
- HMI/SCADA DESIGNING
- SCADA Data Analysis and Visualization.
- Project Management
- PLC, PAC Panel wiring
- SCADA Programming, MS office, Adv.Excel,VBA
- 3D Designing in Autodesk fusion 360
- C programming, JavaScript, VB script
- Problem-Solving Skills Team work
- Time-management Leadership skills
- Pursuing advance skill for Automation sector.

## PROJECTS

- **CFCL Kota** Report Development and plc Commissioning Activity.
- Currently working as a site engineer (HMI/SCADA) at **HPCL Refinery Vizag(VRMP) WEB SCADA HMI** Development as per P & ID, Dynamic Shape Development In **VB SCRIPT**, and Troubleshooting and solving the issues. Handling 4 units,
- **Adani Gas (SOUL PROJECT)** (ATGL) Ahmadabad and Faridabad region CNG SCADA Project, where I was working for SCADA HMI development and HONEYWELL EPKS **CUSTOM DATA REPORT PACKAGE DEVELOPMENT USING EXCEL VBA.**
- **ADANI Hazira Port** PHASE 4 SCADA HMI DEVELOPMENT,
- **IOCL MOTIHARI** REPORT DEVELOPMENT
- **Devashray Papers (I) LLP-** Reports DEVELOPMENT
- **Coromandel International** SCADA Graphics Development

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## EDUCATIONAL BACKGROUND

### ELECTRICAL AND ELECTRONICS ENGINEERING

KTU UNIVERSITY KERALA TVM (2016-2020), BTU (2023-2024)

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## COURSES & CERTIFICATIONS

- Pursuing Data science tools for UPSKILLING SCADA HISTO
- Certification for **Foundation of Project Management**  
**Issued by Google | Coursera**  
December 2022
- Certification in **PG DIPLOMA IN INDUSTRIAL AUTOMATION**  
**Issued by SMEC Automation**  
October 2021
- CERTIFICATION IN **Distributed controlsystem (DCS)**  
**Issued by SMEC Automation**  
October 2021

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## LANGUAGES

- ENGLISH
  - MALAYALAM
  - TAMIL
  - HINDI
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## PROJECTS

- **PACKAGE 20 Kaleshwaram Lift Irrigation Project (KLIP) SCADA SHAPE DEVELOPMENT AND GRAPHICS.**(Telangana State Power Generation Corporation)
- **Belle Chemical** GUS to HMI (process graphics, tabular graphics, Object Scripting, QC.
- **BGP** GUS to HMI (Prototype Development), Object Scripting, QC.
- **ARP P&ID TO HMI** (Graphics development).
- **FAT & SAT** and Support for commissioning DAS, SCS, EMS project (HVAC) at **SERUM INSTITUTE OF INDIA PVT LTD**, Pune, Maharashtra. (Animal House, MSEZ-4 Warehouse, MSEZ-3 Rota virus).
- **EDMS IPC SCREEN & power supply panel Installation & Commissioning** at **Serum Institute of India** Hadapsar and Manjari.01/2022 to September 2022
- **HMI Graphics Development and Chartless Recorder Development** for **Serum Institute of India Hadapsar and Manjari.**(HVAC)

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## INTERESTS

Up-scaling the new technologies its required skills  
interested **R&D** For the project work  
DIY & Electronic Repairing,Amp development,interested to develop and R&D on innovative products.  
Talking Technology related topic