

SHRIKANTH BHIMARAYA YATHNALA

Farm House, Korwar Post Sindagi Taluk

Bijapur District, KORWAR

PIN: 586120 KARNATAKA, INDIA

Email ID: Shrikanthby123@gmail.com

Phone No: +91-9742370034, 9449217540

Career Objective

Be a competent performer in Electrical, instrumentation and automation field, to deliver the best quality of Equipment and services to my Customers in terms of design, performance and reliability.

Profile Summary

Work Experience: Three Years Experience in Design and Development of Electrical and Automation Systems for Projects, My Expertise includes PLC, SCADA, HMI Programming and Servo, Stepper Systems and VFD Commissioning.

Presently Working as **Electronics Engineer (Electrical Design & PLC Programming)** in **Manipal Technologies Limited (The Manipal Group), Manipal** Oct 2014 to till date in Research & Development Innovations department

Green Automation Systems, Bangalore as Application Engineer (Factory Automation & Motion Control) in Research & Development Department since Nov 2013 to Oct 2014

Working Profile:

- PLC, SCADA and HMI Programming.
 - Design, Development and maintenance of Electrical and Instrumentation Systems for projects and Full fill Customer Requirements.
 - Machine installation, Erection and Commissioning of Projects at Sites.
 - Attaining Breakdowns and maintenance calls.
 - Providing training and service support to customers.
 - Responsible for Preparing & Maintaining all the Project related Documents.
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Automation Software's Worked With

- SIMATIC MANAGER, STEP 7 (SIEMENS S7 300,400 PLC SOFTWARE)
- WINCC FLEXIBLE 2008 (SIEMENS SCADA AND HMI)
- RS LOGIX 500 & 5000 (ROCKWELL AUTOMATION SOFTWARE)
- MITSUBISHI GX DEVELOPER (MITSUBISHI PLC)
- PROFACE GP PRO Ex (HMI DEVELOPMENT TOOL)
- BECKHOFF TWINCAT Ver 2 & 3 (PLC & HMI SOFTWARE)
- IndraWorks Engineering (Rexroth Bosch PLC and Servo Drives SOFTWARE)
- CX PROGRAMMER (Omron PLC SOFTWARE)
- FPWIN PRO & GT WIN PRO (PANASONIC FPOR, FPX, FP SIGMA PLC & HMI SOFTWARE)
- WPL Soft & DOP Soft (DELTA PLC & HMI SOFTWARE)

Technical Skills

- **Solid Experience in commissioning of Servo Drives** (Panasonic, Mitsubishi, Delta, Schneider, Rexroth Bosch)
- **VFD** (Variable Frequency Drive) – Parameterization, Commissioning and Troubleshooting.
- **PAC** (Programmable Automation Controller) – X, Y axis Robotic Motion Control using Servo Motors & Drives (Linear and Rotary Interpolation)
- **Practical Experience in Pneumatics & Field Instruments** like Control Valves, Sensors, Level Transmitters, Flow Transmitters, Temperature Transmitters, Pressure Switches, Thermo Couples, RTD's, LVDT's
- **Interfacing between PLC & GSM Modem** to communicate with Mobile device.
- **Works on** AutoCAD Software for Electrical Drawings.
- **Panel Designing & Field Wiring** of Automation Systems.
- **MS Office** (Word & Excel) & Internet Application
- **Basic Level Programming** – Visual Basic.Net

Hardware Skills:

- Installation, Commissioning & Trouble Shooting.
- Erection, calibration, impulse piping etc. for Process field devices like, Thermocouples, PTs, level transmitters, Barcode Scanners etc.
- Networking of LAN and OFC cables.

Project Worked For:

- Successfully completed and got appreciated by Company for Design and Logic writing of **Instant Cheque Book Dispensing Machine** – Is an innovative solution for printing cheque books at banking institutions for producing on demand cheque books, Machine cycle includes printing, accumulating, stapling and applying the spine tape, Machine installed at Creed Engineers (DUBAI)
 - **Deburring Machine** - Design, Installation and Programming of 3 Axis Burr Remover Machine to remove burr which is on outer surface of internal gear Pump
 - **Spring Force & Torque testing Equipments** - Erection, Field wiring and Logic writing of PLC controlled motorized pull/push tester with a speed controller, ensuring consistent pull/push rates throughout the entire measuring range of Force and Torques using Load cell
 - Design and commissioning of Electrical and Automation system of **Answer Booklet Automation & OMR Inserting Line** – which includes 12 Servo Systems connected in Bosch Sercos network, 10 AC Drives and 3 Barcode Readers, Machine Installed at MTL Confidential Printing Division, Manipal
 - PLC Logic writing, Installation and Commissioning of **Cheque Book Collation and Stapling Automation** (The process begins with collation of pre printed cheque sheets in 3 ups along with two more inserts using a preprogrammed number or variable number of sheets being controlled by the barcode which contains the predefined logic depending on the job specification)
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- Logic writing for Retrofitting of **Magnetic Stripe Hot Lamination Machine** which includes Temperature controlling of laminating wheels based on PID technique, 10 Temperature Modules were connected on RS485 MODBUS communication
 - Design, Programming and Installation of **Self Mailing Machine with Automatic Online Gluing Control** (Folding and Gluing Machine) which is programmed to work in 3 Modes of Gluing Dot, Line and Continuous Mode, Encoder Feedback is taken to Control the accurate Position of Gluing
 - **Race Clock Application and Data Management System** (Erection and Logic Writing for Special Purpose RTC based Sports Application by Dry Cool Systems Hebbal) and

Some other projects are,

- Centreless Grinding Machine , Vision based Page Gathering Machine, MS Card affixing Machine, Sheet Cutting Machine, Auto Registration Control for Concepta Printing line, Sheet Collating & Stapling Automation, Automatic Guided Vehicle(AGV)
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Educational Details:

Bachelor of Engineering (Electrical & Electronics Engineering) 2013

Amrutha Institute of Engineering & Management Sciences, Bangalore from Visvesvaraya Technological University Belgaum, Karnataka

DIPLOMA in (Electrical & Electronics Engineering) 2010

Government Polytechnic Karwar from Department of Technical Education Board Bangalore Karnataka

SSLC 2007

Sri Siddalingeshwara Residential High School Siddaganga Mutt Tumkur from Karnataka State Education Examination Board Bangalore Karnataka

Technical Trainings And Certificates:

POST GRADUATE DIPLOMA IN INDUSTRIAL AUTOMATION (PGDIA)

Hands on Practical Experience in Industrial Automation Tools specializing In PLC, DCS, SCADA, VFD and HMI, PID, PAC, P&FI, SERVO DRIVE's - Motion Control Interface and Panel wiring from Technocrat Automation Pvt Ltd (IAO Accredited), CHENNAI from March 2013 to August 2013.

Personal Profile:

Name	: Shrikanth Bhimaraya Yathnala
Father's Name	: Mr. Bhimaraya Yathnala
Date of Birth	: 05/10/1991
Gender	: Male
Nationality	: Indian
Marital Status	: Unmarried
Language Known	: English, Kannada and Hindi
Hobbies	: Surfing net, crosswords and reading articles.

My Alternative E-Mail id : Shreeby10@gmail.com
Permanent Address : Farm House, Korwar Post
Sindagi Taluk, Bijapur District,
KORWAR PIN: 586120 KARNATAKA, INDIA.

Personality Traits:

- Remarkable speed and efficiency
 - Detail oriented and strong interpersonal skills
 - Ability to work in a team
 - Experience of working in adverse environments
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Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief. If given an opportunity in your esteemed organization I will discharge my duties to your utmost satisfaction.

SHRIKANTH BHIMARAYA YATHNALA