Contact

navr21@yahoo.com

www.linkedin.com/in/navr21
(LinkedIn)

Top Skills

AutoCAD
Training & Development
Electronics Design and Development

Languages

Hindi (Full Professional)
Malayalam (Native or Bilingual)
Tamil (Limited Working)
English (Full Professional)

Navnith Ravindran
Technical Instructor
Romania

Experience

Emerson
Industrial Automation Trainer
January 2023 - Present (2 years 8 months)

Teaching courses in Industrial automation:

- DeltaV implementation using DeltaV Live and DeltaV Operate

- Setup of Hyper Conveged Infrastructure (HCI) for hosting DeltaV system

Seneca College
Instructor
March 2017 - January 2022 (4 years 11 months)
Toronto, Canada Area

Teaching Electrical & Controls courses under the Building Environmental Systems program.

Toronto Transit Commission (TTC)
Technical Instructor
January 2019 - November 2021 (2 years 11 months)
Toronto, Ontario, Canada

- Delivering Training programs for Rail, Bus, Streetcar maintenance and Safety.

- Delivering a variety of technical programs entailing diagnosing Electrical, Electronic, Mechanical, HVAC, Pneumatic and Hydraulic circuits and components on Railway, Buses (Diesel and Electric) and infrastructure systems.

- Testing Candidates for various technical positions

Humber College
Professor
January 2016 - April 2021 (5 years 4 months)
Toronto, ON

Teaching courses in Electrical Control systems:
- Electrical Circuits

- Electrical Control Systems - CADD
- Process Instruments
- Digital Electronics

Volta Generators FZC
Electrical Engineer (Design and Development)
September 2011 - February 2015 (3 years 6 months)

• Design and development of Control systems
with emphasis on Embedded systemsPCB- design, fabrication;
Microcontroller programming and
testing (hardware- software co-design)
• Projects: Controller for Electrical
Generators; Solar Tower Lights , solar
tracking ; LED's and drivers;
CNC Controller ; Power supplies;
Pneumatic Systems ; Motor controls,
encoders, flow sensors; Digital compass
• Testing & troubleshooting of Electrical
Generators-Load test(Load bank)
• PLC , DCS Programming
• Design verification and prototype testing of
microcontroller circuits specialized in Analog
and digital signal processing; Implementation
of Data communication using USB, CAN, SPI, I2C
and RS-232 interface.
• Establish and Maintain relations with
Electronic component suppliers, Procurement
of Electronic Components
• Trade shows
• Technical Documentation

JBK Controls Intl.
Design & Estimations/ Projects Engineer (Internship)
January 2011 - July 2011 (7 months)
Dubai, United Arab Emirates

Design and Estimations of BAS(/HVAC) and
ELV Systems (CCTV, Fire alarm, Access
control, PA System, Intercom);
Lighting controls, Emergency Lighting,
UPS, Aircraft warning lights, Parking

Management System
Preparation of Technical documents, BOM
DDC, BACnet, Modbus, Commissioning
experience
Product trainings- Honeywell- TREND BMS,
Alerton, Dedicated Micros, Huawei, Pelco

Verger Delporte
Electrical Engineer (Trainee)
June 2009 - July 2009 (2 months)

In-plant training on Low Voltage Switchgear.
Training on Design, Production and Testing of
switchgear systems, Distribution Boards,
Relays, Capacitor Banks (pf correction)

Education

Birla Institute of Technology and Science
Master of Engineering (M.Eng.), Microelectronics · (2012 - 2014)

Birla Institute of Technology and Science
Bachelor of Engineering (B.E.) Hons., Electrical and Electronics
Engineering · (2007 - 2011)

Humber College
Teacher/ Trainer of Adults