

Kartik Bansal

Experiences

- TechControl Solutions | Control Systems Engineer

Nov 2021 – Nov 2022

 - Designed and integrated control systems, optimizing process efficiency by 20%.
 - Proficient in PLC programming, ensuring seamless operations for industrial clients.
 - Conducted control system analysis to improve feedback control mechanisms.
- FactoryAutomation Co. | Automation Engineer

Dec 2022 – Present

 - Specialized in SCADA systems, enhancing real time control for manufacturing processes.
 - Led the development of control system architecture, resulting in streamlined operations.
 - Collaborated on control system troubleshooting, ensuring minimal downtime for clients

Projects

- Industrial Sensor Calibration Enhancement

[GitHub](#)

 - Improved industrial sensor calibration processes, leading to higher accuracy in control systems.
 - Utilized control loop tuning to fine tune sensor performance, resulting in reduced errors.
 - Implemented feedback control theory to maintain sensor accuracy over time.
- Real Time Control Optimization

[GitHub](#)

 - Spearheaded real time control implementation, enabling swift response to dynamic processes.
 - Enhanced control system testing methodologies, reducing commissioning time by 15%.
 - Led the team in identifying and resolving control system hardware issues for clients.

Education

- Bachelor of Technology (BTech) in Electrical Engineering,
G. H. Raisoni College Of Engineering

CGPA: 9.20

Skills

- Control Systems Engineer
 - Control System Design
 - PLC Programming
 - SCADA Systems
- Industrial Automation
 - Real Time Control
 - Process Control
 - Control System Analysis