RAHUL BHARATH KRISHNI GURUMOORTHY

SENIOR PROJECT & COMMISSIONING ENGINEER

CONTACT

- Milan, Italy
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STATUS

- Europe PR (Exp: 2033)
- USA B1/B2 (Exp: 2033)
- Canada Visa (Exp: 2034)
- Indian Citizen
- Driver's License

LANGUAGES

English	**Fluent**
Italian	**Intermediate**
German	**Basic A2**

NATIVE:

TAMIL / TELUGU / HINDI

CERTIFICATIONS

- SQL | Python | Data Sci.
- Agile & Scrum Method.
- Factory Automation
- Win Server 2016 Mgmt

TECHNICAL CORE

Sycon.net Grafana

SCADA Python

Power BI SQL

AB and Siemens PLC

Logistics Management

INTERNSHIPS

- **BA Engineering**, India.
  Project Eng. (Dec 20-Apr 21)
- **Renault Nissan**, India.
  Safety Eng. (Jun 15)
- **Indian Railways workshop**, chennai, India.
  Eng. Training (Jul 14)

SUMMARY

Dynamic and results-oriented Professional with over **6 years experience and 4 years of hands-on experience** in the material handling and sortation industry. Specialist in the commissioning and management of modern **Crossbelt sortation systems**. **Proven track record** of delivering international projects on time and within budget, ensuring peak system performance and operational efficiency.

EXPERIENCE

SENIOR COMMISSIONING AND GLOBAL PROJECT ENGINEER
ALTEN/DEMATIC, MILAN, ITALY.   **Jun 2024 - Present**

⚙ COMMISSIONING

- **Amazon PSP3, BJC1, TOL3 (USA):** Full commissioning of **Crossbelt Sorter** including calibration, regressive testing, software tool development, acceptance tests, high-volume testing, and production support.
- **Amazon PAD2 (Germany):** Delivered ahead of schedule by **analyzing operational data**, identifying root causes, and implementing fixes until SAT.
- **DHL BZ81 (Germany):** Post-commissioning support including calibration, production monitoring, and project handover.

🔄 MODERNIZATION

- **Amazon HAJ1 (Germany):** Commissioned 10 new shipping chutes; **20% cost savings** via dual-site management and timely completiong.
- **Zara (Spain):** Retrofitted 7 stations from **Profibus to Profinet**, achieving 15–20% cost savings.
- **ECI (Spain):** Supported site modernization (**Interbus to Profinet**), improving throughput and stability.

</> SOFTWARE ENGINEERING

- Developed **Profinet Design** & I/O mappings for crossbelt systems; Prepared Electrical & Mechanical Documentation and consolidated site technical requirements.
- Tested **QNX and Windows-based** control systems for reliability; developed automation tools and conducted **R&D** for new equipment prototyping and future-proof scalability.

HIGHLY AUTOMATED LOGISTICS IT GENERALIST
ALTEN/DEMATIC, MILAN, ITALY.   **May 2022 - Jun 2024**

- Optimized **WCS & order processes** at Kering and ASPIAG (SPAR Group) using Pouch Sortation and Multi-Shuttle systems.
- Redesigned software processes using **SQL, Python, Power BI, and Grafana**, improving overall performance and plant visualization.
- Developed an **Intelligent Logistics Management Tool** with ChatGPT; integrated **Siemens PLC and SCADA** systems.

SYSTEM ENGINEER
Tata Consultancy Services-TCS, Chennai,India.   **Sep 2016 - Feb 2018**

- Managed maintenance and troubleshooting of the **Windows Server environment** for **National Bank (USAA)**; Utilized expertise in **Active Directory** to maintain security.
- Handled installation and routine checks of OS and hardware; Implemented robust **backup and disaster recovery** processes using RAID and **VMware** virtualization.

ACADEMIC BACKGROUND

MSc in Mechanical Engineering
Politecnico di Milano, Italy. 2018-2021
Thesis: Analysis & Simulation of Blade Loads of a Scaled Wind Turbine Model.
Courses: Automation & Control, Dynamics, Signal Processing.

B.E in Mechanical Engineering
Anna University, India. 2012-2016
Thesis: Wear Properties of Metal Matrix Composites. **Project:** Portable Plastic Injection Molding Machine design.