



Address: 82061 Neuried, Bayern, Germany
Nationality: German
Mobile: +49 (0) 152 55 189 321
Email: abubakar.mann@gmail.com
Linkedin: <https://de.linkedin.com/in/abubakarmann>
Personal Website: www.pak-mann.com

EXPERIENCE

Amazon Development Center GmbH

Apr 2025 – Present

Operations Engineer (*Logistics Industry*)

- Developed and maintained comprehensive project schedules for sorting machine deployment across multiple Amazon warehouse sites, ensuring milestones were met on time and within scope
- **Managed** end-to-end **stakeholder relationships** including senior leadership, operations teams, and external vendors to align project objectives with business priorities
- Produced and delivered internal project status reports, providing transparent visibility into project health, risks, and key performance indicators to leadership and cross-functional teams
- Served as the primary point of communication between project stakeholders and third-party vendors, ensuring deliverables met customer requirements and quality standards
- Managed project budgets including **cost forecasting**, **variance analysis**, and **resource allocation** to deliver projects within approved financial parameters
- Led the deployment and commissioning of sorting machine systems in Amazon fulfillment centers, coordinating installation, testing, and go-live activities
- Orchestrated **cross-functional coordination** between engineering, operations, construction, IT, and vendor teams to eliminate bottlenecks and deliver projects within established timelines
- Proactively identified and mitigated project risks and dependencies across multiple workstreams, ensuring seamless integration of sorting technology into warehouse operations

Samsung Electro Mechanics

Mar 2024 – Sep 2024

Application Engineer (*Automotive Industry*)

- Served as the primary technical liaison for customer accounts, maintaining regular communication to address technical requirements and inquiries (**Relationship Building**)
- Conducted **technical presentations** and **training** sessions for customers and internal stakeholders
- Worked closely with R&D and sales teams to align product capabilities with customer requirements and develop proposals for business pitches (**RFP, RFI**)
- Analyzed market trends and application requirements to identify opportunities and implement strategies for **business development**
- Managed technical aspects of customer projects, including timelines and milestones
- Acted as trusted adviser for the right products in the corresponding application

Cognex Germany Inc.

Jan 2020 – Feb 2024

Advanced Customer Engineer (*Logistics Industry*)

- Collaborated regularly with clients to understand their application-specific needs
- Conducted trials and supported customers throughout the project life cycle
- Provided hands-on **training** sessions to customers, colleagues and partners ensuring independent installation and troubleshooting of logistics systems
- Lead **installation** and **commissioning** of scan and vision solutions for logistics customers
- Diagnosed and resolved several SEV-1 and SEV-2 issues with software and hardware systems in a

timely manner

- Developed standard, template and project scripts in **JavaScript** and maintained them in a repository
- Analyzed and resolved networking issues involving TCP/IP, Profinet, and other industrial communication protocols

Aug 2016 – Dec 2019

Stratus Vision GmbH

Application and Software Engineer (*Automation Industry*)

- Programmed PLCs using **CoDeSys** for customized Automated Optical Inspection (AOI) units
- Developed WPF app in **C#** for implementing communication interface with robots
- Designed and documented electrical schematics for electrical cabinet and sensors installed in AOI units using **SPlan**
- Designed mechanical parts for AOI units using **Onshape** and guided suppliers in manufacturing them
- Delivered **technical trainings**, ensuring clients and partners can independently operate machines with confidence

Kastanienbaum GmbH

Sep 2012 – Mar 2013

Werkstudent (*Robotics Industry*)

- Developed desktop application for cursor movement on PC recognizing hand motion and gestures using Leap-motion sensor (**C++**)

Merck Private Limited

Jun 2012 – Aug 2012

Service Engineer (*Pharmaceutical Industry*)

- Installation, commissioning, troubleshooting, service of Hematology equipment
- Actively contributed towards quality control and development of Pharmaceutical tools

EDUCATION

Master of Science in Advanced Construction and Building Technology

Oct 2012 – Jan 2016

Technische Universität München, Germany

Robotics, Human Friendly Robotics, Engineering Management, Project Management

Bachelor of Engineering in Mechatronics

Sep 2007 – Aug 2011

National University of Sciences and Technology, Pakistan

Control Systems, Robotics, Digital Image Processing

TECHNICAL SKILLS

Programming JavaScript, C#, C++, SQL

Competencies Customer Service, Relationship Building, POC, RFP, RFI, MEDDIC, Sales Negotiation, Technical Presentations, Technical Support, Advanced Troubleshooting

Tools/Protocols MS Excel, MS PowerPoint, VS Code, Visual Studio 2012, Dockers, sPlan, OnShape, Windows, Linux, EthernetIP, TCP/IP, Profinet, Serial

EXTRACURRICULARS

Languages • English (Fluent), Deutsch (Intermediate), Urdu (Native)

Achievements • Received 3 Key Contributor Awards for efforts in scripting at Cognex
• Received team award for proposing and securing a highly advanced, customized solution for a client, expanding beyond standard portfolio offerings