HARSH YADAV

Mechanical Engineer & User Experience Designer

📞 +4917669396584

✉ harshraj.yadav21@gmail.com

📍 Kirchtalstrasse 42, 70435 Karlsruhe

🌐 yadavharsh.com

in www.linkedin.com/in/harsh-y-2000

EDUCATION

Mechanical Engineering International (MEI)
Karlsruher Institut für Technologie (KIT)
August 2018 - March 2023

High School
Manav Rachna International School
2018

SKILLS

QMS (ISO9001, AS9100)   CREO   ERP
FMEA & CAPA   Data Visualisation   BPMN
Auditing   RCA(8D,Ishikawa..)   Teamcenter
Document Control   Supplier Management
3D-Printing   Statistical analysis

LANGUAGES

English (Native)

German (B1)

Hindi (Native)

WORK EXPERIENCE

07/2024 – Present
Instagrid GmbH

Quality System Manager
- Coordinated Internal and supplier audits, ensuring compliance and driving process improvements.
- Managed Supplier quality and developed Supplier management processes.
- Oversaw document control, ensuring accurate and up-to-date records.
- Managed Company's overall process overview and delivered BPMN training for easy process visualization and flow.
- Collaborated with cross-functional teams and conducted workshops to establish quality standards and improve operational processes.
- Moderated FMEA sessions to mitigate quality issues.
- Delivered quality related training programs(ESD, EMC, RCA, Process Management) and workshops to enhance knowledge and performance.
- Setup the baseline and requirements for a Quality Management System according to ISO 9001.

06/2023 – 04/2024
Volocopter GmbH

Quality Assurance Intern
- Energy Storage Unit Quality (End to End Quality Assurance)
- Early Stage Development of the Quality Process, Controls, and documents
- Root Cause Analysis (RCA)
- First Article Inspection (FAI)
- Control Plans, Inspection Plans Drafted
- Process Failure Mode and Effects Analysis (PFMEA) and Design failure mode and effect analysis (DFMEA) Implementation
- Non-Conformity Reports Management
- Incoming Item Inspections
- Thorough Quality Inspections
- Quality Assessments
- Cross-Functional Collaboration, and Compliance Assurance
- Quality Control Protocols, and Detail-Oriented Execution
- Regulatory Compliance, and Industry Standards Mastery ISO 9001
- Documentation of processes

11/2022 – 03/2023
Airtel

User Experience Designer (Freelancer)
Interest Based:
- Integrated key UX design elements from recent studies and top portfolios (Dribbble, Medium)
- Enhanced interface usability with intuitive menus, dropdowns, color schemes, and typography based on UX Laws
- Merged Figma-based design with digital aesthetics for seamless program navigation
- Elevated overall user experience through strategic design implementation

INTEREST

- Quality Assurance
- Automotive Engineering
- Quality Management
- Aerospace and aviation
- Material science & metallurgy
- Supplier Relationship Management
- Research & Development
- Biomechanics and medical devices
- Design & Innovation

02/2021 - 05/2021
Karlsruhe Institute of Technology (KIT)

Research Assistant

- Fabricating Candle soot Nano-Fiber through Electrospinning, Carbonizing, and Testing their Electro-chemical properties
- Exploring the supercapacitor applications
- Researching new materials to increase charge efficiency of the fibers
- Observing Nano-fibers under Scanning Electron Microscopy.

CERTIFICATES AND AWARDS

February 2021
Issued by Karlsruhe Institute of Technology(KIT)

PTC Creo Advanced and Basic- CAD Certificates

June 2020
Issued by Carl Benz School of Engineering, KIT

Research Talent Award

November 2019
Issued by Carl Benz School of Engineering, KIT

Study Award for the excellent Academic Achievement

Phone: +4917669396584   Email : harshraj.yadav21@gmail.com   Website: www.yadavharsh.com