

Anand [REDACTED]

Mechanical Engineer



Address: Offenbach ,63065
[REDACTED]

Phone: +49152 [REDACTED]

Date of birth: June 24th, 1995
[REDACTED]

Nationality: India

Visa: EU Blue card

Professional Profile

Mechanical Engineer with 4+ years of specialized experience in HVAC systems, chilled water systems, CRAH, chillers, and generators. Expertise in managing projects from the design phase through to handover. Hands-on experience with AutoCAD, SolidWorks, Navisworks, Procore, with understanding of P&ID, BS, & EN standards, Cleanroom and GMP.

Work History

11/2022 – present **Mechanical Engineer**
SUIR Engineering GmbH - suireng.ie
Frankfurt, Germany

SUIR Engineering is an Irish M&E contractor building Data Centres in Europe.
Current Project: 20 MW Data Center FRA.

- Coordinated the installation of chilled water, HVAC, waste heat recovery, and fuel systems for large-scale data centers, ensuring seamless BIM integration from design to installation.
- Managed RFIs, technical submittals, P&IDs and isometrics using Procore, ensuring timely approvals and material readiness according to project schedules with client and subcontractors.
- Led a team of 10 subcontractors, reducing communication related delays by 10% and maintaining 100% client satisfaction as the primary contact for inquiries and RFIs.
- Prepared and categorized mechanical asset documentation for red, green, and yellow tag commissioning processes.
- Facilitated collaboration and problem-solving during site walks by addressing technical issues and updates in T2, T3, and T4 meetings.

08/2020 – 11/2022 **New Product Specialist**
South Coast Group - southcoastsales.com
Cork, Ireland

- Managed CAD design, specification, prototype validation, and quality check procedures to ensure compliance with requirements.
- Achieved 90% compliance and reduced complaints by bridging functional gaps in Quality & Manufacturing, leading to a 15% increase in efficiency.
- Supported new product launches by establishing process controls, quality monitoring, and statistical analysis for stakeholders.

- Implemented lean sigma tools, including 5S, Kaizen, and JIT, resulting in a 15% increase in efficiency within 6 months.

Education

- 08/2018 – 08/2020 **Masters in Mechanical engineering** - Grade 2.1
Technological University Dublin
Dublin, Ireland
Consulting Project: Analysis of Hybrid Cooling of Data center server system in INTEL.
- 06/2013 – 04/2017 **BEng in Mechanical Engineering** – Grade First Class
Shivaji University
Kolhapur, India
Project: Load analysis on MacPherson suspension system in SUV in India.

Technical Skills

- **Design & BIM Software:** AutoCAD, SolidWorks, CATIA, Navisworks, Revit.
- **Simulation & Analysis:** Ansys, MATLAB, Simulink, LabVIEW, HyperMesh.
- **Project Management:** Procore, EIDA, MS Project.
- **Lean Tools:** 5S, VSM, Lean Six Sigma, CAPA, PDCA, FMEA, Ishikawa, Green Belt Certified.
- **Microsoft 365:** Excel, Word, PowerPoint, Power BI, Power Automate.

Organisational Skills

Strong Communication	Decision making skills
Adaptability	Teamwork & Collaboration

Certifications

- Diploma in Project management by University College Dublin in May 2022.
- Six Sigma: Green Belt
- Certified Autodesk: Inventor certification by LinkedIn in January 2022.
- FEA Engineering Simulations course by Cornell in February 2020.

Languages

English (Full working proficiency)	Hindi (Mother Tongue)
German (A2 ongoing)	

INTEREST

Hiking, Medieval architecture photography and F1 enthusiast.