IMAAD SHAIK

BI DEVELOPER

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📍 **Turku, Finland**

EDUCATION

M.Sc. Mechanical Engineering
Aalto University, Finland
📅 09/2016 - 06/2019

GPA
4.33 / 5.00

B.E. Mechanical Engineering
Visvesvaraya Technological University, India
📅 09/2011 - 05/2015

%
69.6 / 100

EXPERIENCE

BI Development Engineer
Meyer Turku Oy
📅 09/2020 - Ongoing 📍 Turku, Finland

Meyer Turku Oy (subsidiary of Meyer Werft GmbH), a family-owned shipyard, is one of the leading European shipbuilding companies who specialize in building large cruise ships, passenger ferries and special ships.

- Creating and maintaining multiple critical reports simultaneously for 2 cruise ship projects (~€1.4 billion) in different phase of their production lifecycle, which helps the Ship Management be vigilant about the problems and avoid multi-million EUR in contractual penalties. Currently, gathering reporting needs for the 3rd ship (~€1.1 billion)
- Figuring out the best data model and working with not only the end-users, but all the stakeholders from across the shipyard who are involved in that process to form the report views to reduce the ambiguity in how someone interprets the data
- Fetch data from various sources such as ERP systems, Azure DW, Oracle DB, REST API's, JIRA etc., merge, transform, load, develop BI reports and distribute it to the end-users via Power BI Service
- Main tools used: Share Point and Teams - to store data not in the Databases, Power Query and DAX - data wrangling and ETL, Power BI - for report creation, Power Automate - to optimize and automate a manual process when required
- Skills acquired: Effective communication, Data wrangling with DB, working with DB, Managing multiple level projects

Development Engineer
Meyer Turku Oy
📅 06/2019 - 09/2020 📍 Turku, Finland

- Part BI Develper, part PMO for Outfitting Department overseeing 10+ projects
- Created departmental level Power BI reports based on the user needs
- Project Engineer for the Outfitting projects supporting the Project Managers
- Skills acquired: Project Management, KPI Generation, BI Best Practices

STRENGTHS

🛠 **Product Development**
Developing products around the customer requirements

🗄 **BI Developer**
Developing BI Insights and report based on the business needs

SKILLS

Analytical Thinking, Data Analysis (Power Query, DAX, Python)
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Design Thinking, Empathize, Need Finding
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Power Automate, VBA, SQL
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LANGUAGES

Urdu — Native or bilingual

English — Proficient

Hindi — Proficient

Kannada — Proficient

German — Beginner

EXPERIENCE

Thesis Worker
Meyer Turku Oy
📅 11/2018 - 05/2019   📍 Turku, Finland

- Aim: To propose a tailored QFD process to utilize in the ship modularization process
- Identifying the required steps for QFD based on the ISO 16355 standards
- Implementing the process in the Shipyard and iterating the process
- Observing the challenges and reducing its effect in the recommended QFD approach
- This thesis help me build a strong understanding about the importance of user needs in a new development project, which has led me create impactful and functional reports in my current role

PROJECTS

10 Days 100 Challenges - Happiness Creators
📅 06/2018 - 06/2018   📍 Espoo, Finland

Nokia Oy | Aalto University

- Aim: To create a formula for customer happiness using automated data collection and the principles of Machine learning
- Conducted benchmarking and contextual interviews with end users to understand their emotions when they use their mobile network
- Conceptualized the workflow and prototyped the design of the system to get meaningful input data
- Winners of the Hackathon among 17 other teams

Global Innovation Project
📅 09/2017 - 06/2018   📍 Espoo, Finland & Palo Alto, USA

Xylem Inc | Aalto University | Stanford University

- Aim: To radically change the way we transport water in the future (2030) to avoid $1 Trillion pipe replacement costs in the USA
- Identified key stakeholders and conducted need finding to gather insights on how people feel about the water they currently use
- Built and tested the prototype consisting of pH, turbidity sensors communicating with each other and signaling the servo motors
- Skills acquired: Solving ambiguous problems using the design thinking methodology

Product Development Project (PdP)
📅 09/2016 - 05/2017   📍 Espoo, Finland & Porto, Portugal

ABB Oy, Marine & Ports | Aalto University | Politécnico do Porto

- Aim: To simplify the communication protocol between 5 Control systems within the vessel and the onshore
- Managed a team of 11 talented individuals over the course of 9 months and a budget of €10,000
- Identified a critical issue with the dead man alarm and suggested an integration which would reduce the warning time by a factor of 5
- Responsible for designing UI of the system and modeling the 3D models of the system in Creo Parametric and animating it with Blender
- Skills acquired: Multi-cultural, multi-disciplinary team work, Project management, basics of design thinking
- Final presentation: (Set 2: jump to 28:21) https://livestream.com/aaltodesignfactory/pdpgala2017/videos/156439822

AWARDS

🥇 **Winners - 10 Days 100 Challenges**
Challenge by Nokia Softwares

🏅 **Dean's list (2016 - 2017)**
Aalto University
School of Engineering

⭐ **Best Leo Secretary (2015-2016)**
Lions Club International
District 317-D

INTERESTS

⚡ **Arduino IDE**

⚛️ **Artificial Intelligence**

REFERENCES

Mika Mäkinen
COO, Ardor Oy
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former Head of Outfitting Process & Business Development, Meyer Turku Oy