

IMAAD SHAIK

USER CENTERED PRODUCT DEVELOPMENT

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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

09/2011 - 05/2015

%

69.6 / 100

EXPERIENCE

BI Development Engineer

Meyer Turku Oy

09/2020 - Ongoing

Turku, Finland

- Gather reporting needs from the business (personnel) perspective
- Figuring out the best data model & working with the end-users to form the report views
- Develop BI reports & distribute it to the end-users
- Main tools used for development: Power BI, Power Query / VBA (when report is needed in excel)

Development Engineer

Meyer Turku Oy

06/2019 - 09/2020

Turku, Finland

- PMO for Outfitting Department overseeing 10+ projects
- Project Engineer for the Outfitting projects who helps Project Managers to run the project
- Skills Gained: Project Management, KPI Generation, BI Practices

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

STRENGTHS



Product Development

Developing products based on the customer requirements



BI Developer

Developing BI Insights and report based on the business needs

SKILLS

Empathize, Need Finding



Analytical Thinking, Data Analysis (Power Query, DAX, M)



CAD 3D/2D: Creo, SolidWorks, NX



LANGUAGES

Urdu

Native or bilingual

English

Proficient

Hindi

Proficient

Kannada

Proficient

German

Beginner

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) so as 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

Industrial Project

📅 09/2017 - 01/2018 📍 Helsinki, Finland

Arctech Helsinki Shipyard Oy | Aalto University

- Aim: To suggest ideas to improve the order management system for Arctech machine shop
- Built and tested a prototype of the system to optimize the order placement and tracking service and created a detailed user manual

Product Development Project (PdP)

📅 09/2016 - 05/2017 📍 Espoo, Finland & Porto, Portugal

ABB Oy | Aalto University | Politécnico do Porto

- Aim: To simplify the communication protocol between 5 Control systems within the vessel and the onshore
- 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

PUBLICATIONS

Processing and Characterization of Epoxy Composite with Arecanut and Casuarina Fibers

[American Journal of Materials Science](#)

Keerthi A., Imaad S., Mark R. M., Keerthan K. S., Pavana K.B.

📅 02/2015

Produced and Analysed different proportion of the above mentioned materials and compared their mechanical and tribological properties.

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



Product Development



Arduino IDE



Artificial Intelligence

INTERNSHIP & TRAINING

Bosch Gasoline, Diesel Engine Management and Vehicle Diagnosis

Bosch Training Center, Bangalore

Automobile Servicing

Bharath Auto Cars, Mangalore