Basel Rabea Bin Madhi

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EDUCATION

King Saud University Riyadh, Saudi Arabia
Bachelor of Science, Electrical Engineering September 2017
- GPA: 4.95/5.00 (First Class Honor)
- Graduation project: design and develop a sensor to measure blood glucose level without the need for blood drops
- Relevant Coursework: Communication Systems, Networking, Antenna, Cryptography, Signals and Systems, DSP

WORKING EXPERIENCE

SARsat Arabia Riyadh, Saudi Arabia
Project Manager February 2021 – Present
- Conduct day-to-day project coordination, planning, and implementation across teams.
- Prepare presentations and documents for the prospective clients and investors.
- Conduct market research to find the customers for the products.

Modern Trains Company Riyadh, Saudi Arabia
Systems Engineer January 2020 – Present
- Maintain the functionality of technical infrastructure.
- Prepare bids and technical proposals with stakeholders.
- Manage my team to achieve company goals.

Warning and Defense for Electronics Industries Company Riyadh, Saudi Arabia
Systems Engineer April 2018 – December 2019
- Participate in complex projects from start to finish.
- Collaborate with other teams to boost the project productivity.
- Translate requirements into polished, high-level designs.

QUALIFICATIONS

McKinsey & Partners
Forward Program Member May 2022 – Now
- Practiced leadership, business, and digital skills that are relevant and transferrable across industries and roles such as Problem Solving, Resilience and Adaptability, and Effective Communication.

Project Management Institute - PMI
Project Management Professional (PMP® #2870043) December 2020 – December 2026
- Formally evaluated for demonstrated experience, knowledge, and performance in achieving an organizational objective through defining and overseeing projects and resources

Saudi Council of Engineers
Member (Membership# 424827) October 2018 – October 2023
- Professionally accredited and awarded a certificate as an Electrical Engineer.

OTHER QUALIFICATIONS

- **Google Cloud Skills Boost**
  A quite experience in dealing with Google Cloud and AWS.

- **European Space Agency, ESA**
  A good understanding of Remote Sensing, its technologies, market, and application.

- **Networking**
  Attended 80 hours CCNA R&S and 70 hours Linux Essentials training courses.

- **Project Management Tools**
  Heavily engaged in using productivity tools such as Slack, Asana, Notion, Miro and Click Up.

- **Data Analysis and Machine learning**
  Applied ML during graduation project to predict blood glucose level and I attended several online courses.

- **CRM & ERP**
  Possess a relative experience in using CRM & ERP tools such as HubSpot.

- **Others**
  Microsoft Office, C++, Python, MATLAB, Simulink, AutoCAD, CST, HFSS, Photoshop, and Illustrator.