

# HAFSA BADAR

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## EDUCATION

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### NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Bachelor of Engineering in Electronic Engineering  
Cumulative GPA: 3.45/4.0

Karachi, Sindh  
11/2022

## WORK HISTORY

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### KARACHI AERO CLUB

Apprentice

- Gained basic knowledge about the electrical systems and radio systems of the Cessna 150, Cessna 152 and Cessna 172 aircrafts.
- Collaborated with team members to achieve project goals efficiently.

Karachi, Sindh  
11/2023 - Present

### PAKISTAN INTERNATIONAL AIRLINES

Avionics Intern

- Gained practical experience by visiting Airbus A320 and Boeing 777 to comprehend the engineering principles used in the cockpit etc and practiced Standard Operating Procedures fully to ensure everyone's safety.

Karachi, KHI  
04/2021 - 05/2021.

## VOLUNTEERING & UNIVERSITY PROJECTS

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### FINAL YEAR PROJECT – GREEN ENERGY HARVESTING FROM TILES

Assistant Team Leader

08/2022

- Explored 4-5 research papers to identify and define requirements, goals and objectives.
- Bought soldered piezoelectric sensors and a microcontroller on a low budget thereby, reducing the cost by 10%.
- Scheduled and coordinated meetings of project resources and tracked project progress and performance.
- Interfacing the sensors with Arduino resulted in the reduction in complexity of the coding, hence, saving time by 20%.
- Minimized the time and cost by interfacing Arduino with Raspberry Pi by further 10%.
- Assisted and performed additional duties as assigned by the team leader in developing project plans and maintained effective relationships with teammates to ensure deliverables are met.
- Ensured timely completion of the project and provided quality work to the supervisor.

### BUSINESS PLAN, ENTREPRENEURSHIP

07/2022

- Gathered business requirements and translated those requirements into a solution design.
- Able to manage multiple projects, competing priorities & project deadlines and provided project specific direction to team members to enable clear communication and effective touchpoints.

### ACADEMIC WRITING PROJECT

01/2020

- Used both qualitative and quantitative methods to synthesize the findings in the research paper.
- Reviewed and gathered facts from 10-15 research papers published on different websites.

## ACTIVITIES

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### ASME NED SOCIETY

Engineering Carnival Attendee

Karachi, KHI  
06/2022

- Participated in CHASE THE CASE module in a group which enhanced time-efficiency and planning skills.
- Gathered information, analyzed and further implemented recommendations with the help of the team.

## ADDITIONAL

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**Technical Skills:** Microsoft Office (Outlook, Excel, Word, Powerpoint), Google tools, Jira

**Professional Skills:** Strong organizational and time management skills, Exceptional problem-solving, conflict resolution, and communication skills, Ability to work effectively in a cross-functional team environment, Strong attention to detail, Capability to manage multiple tasks and projects concurrently

**Languages:** Fluent in English, Urdu, German (B1 Level)

**Courses:** Accenture North America Project Management Virtual Experience Program on Forage, CBRE Project Management Virtual Experience Program on Forage, Introduction to Tech Sales on coursera