

Charbel Haddad Barouke

Business & Data Analyst with 3+ years of experience and a proven track record of transforming business requirements into efficient data solutions using SQL, Power BI, AppSheet, and Alpha Anywhere. Experienced in optimizing ERP modules and building real-time dashboards. Leveraging an engineering mindset to solve complex problems, streamline operations, and deliver measurable value.

CONTACT DETAILS

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[LinkedIn](#)

[GitHub](#)

Ghadras, Lebanon

(Open to Relocate)

Work Experience

Business Analyst Engineer
Bibuilt – Hazmieh, Lebanon
May 2022 – Present

- **Developed ERP modules and provided ongoing client support**, ensuring **stable performance** and rapid issue resolution.
- **Developed advanced SQL scripts and procedures**, reducing manual reporting time by **40%** and cutting data errors by half.
- **Built real-time dashboards in Power BI**, enhancing executive visibility into KPIs and accelerating decisions.
- **Created custom mobile/web apps using AppSheet**, improving data capture and saving over **20+ hours/month** for field operations.
- **Effectively utilized Jira** to manage sprint tasks and **coordinate with clients**, resulting in **faster feature delivery** and **improved team alignment**.
- **Translated stakeholder needs into functional specs**, ensuring alignment between business goals and technical deliverables.

Education

Master of Science in Civil Engineering
Notre Dame University – Zouk Mosbeh, Lebanon
Aug 2018 – May 2020 Thesis: Risk Management in Procurement of Construction Industry in Lebanon

→ Applied **rigorous risk analysis**, structured interviews, and questionnaires; performed data analysis with **SPSS**, **cost-benefit analysis** and **Primavera Risk Analysis** to assess risk impact and mitigation planning.

Bachelor of Engineering in Civil Engineering (ABET Accredited)

Notre Dame University – Zouk Mosbeh, Lebanon

Sep 2013 – May 2018 Senior Project: Comparative Analysis of Construction Materials: Light Gauge Steel, Steel, and Concrete

→ Honed **data modeling**, **statistical comparison**, and **cost optimization** — skills transferable to business and data analytics.

Certifications

- [Quality Assurance – View Certificate](#)
- [Agile Project Management – View Certificate](#)
- [Data Science – View Certificate](#)
- [Google Advanced Data Analytics Specialization – View Certificate](#)
- [Google Business Intelligence Specialization – View Certificate](#)
- [Google Data Analytics Certificate – View Certificate](#)

Skills

- Data Analytics & Business Intelligence: Power BI, Microsoft SQL Server, Python (Pandas, NumPy)
- ERP Development & Business Tools: Alpha Anywhere, X-Basic
- Project Management: Agile Methodology, Jira, Microsoft Project, Azure Devops
- Data Visualization & Reporting: Power BI, Tableau
- Application Development: AppSheet
- Languages: Arabic (Native), English (Fluent), French (Proficient)

Projects

Development of Custom ERP Modules:

- Collaborated with cross-functional teams to gather requirements and translate them into effective system functionalities.
- Developed and configured ERP modules tailored to client workflows.
- Supported deployment and troubleshooting, reducing system issue resolution time by 40%.
- Improved integration with business processes to enhance data handling and cross-departmental coordination.