

# JACK (YARON) YAKOV AMICHAJ

Technical Project Manager | Full Stack Developer | Business Analyst

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## Professional Summary

Multidisciplinary professional with a B.A. in Psychology & Applied Computer Science, bridging the gap between technical implementation and human-centric requirements. Experienced in leading cross-functional teams, from HR digital transformation at Deloitte to full-stack development of community applications. Proven ability to translate complex business needs into scalable technical solutions (Python, TypeScript, SQL) while leveraging behavioral insights to optimize user adoption, user flows, and organizational workflows.

## Technical Skills

**Languages:** Python, TypeScript, JavaScript, Java, C++, C, SQL

**Data & Analytics:** Pandas, Scikit-learn, SPSS, Excel (Advanced), TA-Lib, Web Scraping (Beautiful Soup)

**Development:** React / Node.js (full-stack context), JavaFX, Git, Blender (scripting)

**Methodologies:** Agile/Scrum, SDLC, Waterfall, Workflow Optimization

**Business Tools:** SAP SuccessFactors, CRM Management, Google Analytics

## Professional Experience

### Deloitte Israel

Aug 2025 – Present

#### Junior Consultant – SAP SuccessFactors Implementor

- Lead HR digital transformation by implementing SAP SuccessFactors modules (Employee Central, Performance & Goals, Recruiting) for enterprise clients.
- Conduct discovery sessions to map legacy HR workflows and translate them into scalable system configurations, reducing process redundancy and manual work.
- Coordinate between client HR executives and technical delivery teams, ensuring alignment on requirements, timelines, and dependencies.
- Manage UAT (User Acceptance Testing) cycles and hypercare phases, tracking KPIs and adoption metrics to ensure successful go-live and stabilization.

### Adi Ohayon

Apr 2025 – Present

#### Business Analyst Intern (Hybrid)

- Develop pricing strategies based on competitor analysis and seasonal demand, directly contributing to revenue growth for hospitality clients.
- Use analytics tools to forecast revenue trends and interpret booking patterns, improving conversion and customer experience touchpoints.
- Collaborate with sales and marketing to align promotions with operational capacity and profitability targets.

### Technion – Israel Institute of Technology

Oct 2020 – Nov 2022

#### Research Assistant & Team Coordinator

- Led cross-functional research teams, optimizing documentation workflows and improving project tracking efficiency by approximately 30%.
- Developed Python and Java scripts to automate complex data collection pipelines, significantly reducing manual entry errors and improving data quality.
- Coordinated timelines, deliverables and communication between faculty, students, and external collaborators.

### Hebrew University of Jerusalem (Project Alpha)

Jan 2020 – Sep 2020

#### Research Project Manager & Software Engineer

- Led backend integration of 3D astrophysics simulations using C++ and Python (Blender/Jupyter), enabling advanced data visualization for research.
- Defined milestones, scope, and deliverables for a multi-disciplinary team, bridging communication gaps between physicists and software engineers.
- Implemented tools for data preprocessing and analysis, supporting publication-level research outputs.

### **Israeli Defense Forces (IDF)**

Mar 2017 – Aug 2018

#### *Staff Sergeant (Combat Commander)*

- Commanded combat teams in high-pressure operational environments; released with highest honors as an injured veteran.
- Trained and mentored soldiers, emphasizing discipline, responsibility, and teamwork under stress.

## **Key Projects**

### **Lira Shapira Application**

[github.com/Yaron-Jack/LiraShapira](https://github.com/Yaron-Jack/LiraShapira)

#### *Project Lead & Full Stack Developer*

- Spearheaded development of a community currency app (TypeScript) that incentivizes urban farming and organic waste composting in South Tel Aviv.
- Designed a digital ecosystem enabling residents to trade “Lira” community currency for local services and goods, fostering community resilience and sustainability.
- Led the full SDLC: requirements gathering with community stakeholders, system architecture, implementation, and deployment.

### **OctSeven Memorial Platform – Project Manager & Developer**

- Led the creation of a digital memorial platform for victims of October 7th, coordinating design and development for a respectful and accessible user experience.
- Managed sensitive content requirements, permissions and editorial workflows under tight time constraints.
- Oversaw backlog, prioritization and communication with designers, content editors and developers.

### **Stock Market Prediction Model – Python Developer**

- Built a machine learning model using RandomForestRegressor to predict stock price movements.
- Implemented a pipeline including web scraping (Beautiful Soup), feature engineering with TA-Lib technical indicators, and data preprocessing using Pandas.
- Evaluated different model configurations and improved performance through hyperparameter tuning and cross-validation.

### **System Architecture & Algorithms – GitHub Portfolio Highlights**

- **Lab-in-C:** Developed a low-level assembler model in C to simulate memory management and processor instructions.
- **JavaFX Menu System:** Built an interactive GUI application using JavaFX, focusing on user input handling, navigation, and clean code structure.

## **Education**

### **Open University of Israel**

Aug 2020 – Dec 2024

#### *B.A. in Psychology and Applied Computer Science*

- Focus: Dual-major combining algorithmic thinking with human behavioral analysis.
- Relevant Coursework: Advanced Statistics, Data Analysis (SPSS/Python), Database Management (SQL), Research Methods.

## **Languages**

Hebrew – Native

English – Native

German – A1

Spanish – A1