

# CONTACT

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 LinkedIn

 GitHub

 Personal Website

# TECHNICAL SKILLS

- **Programming Languages:**

Python, JavaScript, Java, C#, C, C++.

- **Frameworks:** Node.js,

Express.js, .NET, Flask, HTML, CSS, React.js.

- **Cloud & Tools:** AWS, Git,

Docker.

- **Databases:** PostgreSQL, MySQL,

MongoDB (NoSQL).

- **Data Visualization:** Tableau,

Grafana, Qlik.

# SOFT SKILLS

- Work Ethic
- Critical Thinking & Problem-Solving
- Adaptability
- Teamwork & Communication

# LANGUAGES

- Hebrew: Native
- English: Fluent

# Tal Golan

BSc in Computer Science and Information, with a track record of impactful projects in software development and data engineering. Committed to collaborative innovation. Personal website and recommendations available.

## EDUCATION

### COMPUTER SCIENCE AND INFORMATION BSC | 2019 - 2022

Ruppin Academic Center

- Specialization: Big Data Engineering, Data Science, Machine Learning and AI.
- Demonstrating top problem-solving skills and hackathon achievements.

## PROJECTS

### BACKEND DEVELOPER | 2024

Precision Data Ltd. (Contract)

- Engineered a backend data server from scratch with Node.js, seamlessly integrating with React.js and AWS.
- Built real-time monitoring dashboards in Grafana for live system insights.
- Designed and maintained MySQL pipelines tracking and storing 100k+ lines of live data.

### SOFTWARE CONTRIBUTOR | 2023-2024

"The Last of Us PS3" Game Preservation

- Reverse engineered game systems in C#, contributing new features and updates.
- Maintained game balance and stability for 2,000+ players through active coordination on Discord.

### DATA SCIENTIST | 2021 - 2022

Nature and Parks Authority (College Final Project)

- Developed advanced Python data science models, including neural networks, using Pandas, Scikit-learn, and deep learning libraries.
- Achieved 97% prediction accuracy on large datasets.
- Automated full data cycle stages.

## WORK EXPERIENCE

### DATA ENGINEER | 2024 - 2025

Israel Academy of Sciences and Humanities (Freelance)

- Built data pipelines for 15+ national datasets using Python.
- Designed Tableau dashboards supporting academic research.
- Automated data transformation processes.

## VOLUNTEERING

### Firefighter | 2014 - 2016

Hadera Main Fire Station

- Performed fire monitoring and emergency response under pressure.
- Supported equipment maintenance and readiness.