

# Ronen SHILCHIKOV

## PROFILE

Full Stack Developer with strong skills in Python, SQL, and building data-driven apps. Passionate about data analysis and visualization. Working on projects in prediction and NLP while transitioning into a Data Analyst role.

## CONTACT DETAILS

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## TECHNICAL STACK

- Python, SQL, JavaScript, HTML/CSS
- Excel, Looker Studio, Pandas, NumPy, Selenium
- MySQL, PostgreSQL, MongoDB
- Looker Studio, Excel
- Git, REST APIs, Web Scraping

## SKILLS

- Strong problem-solving and analytical thinking.
- Excellent team player with collaborative experience.
- Proactive self-learner, quick to adapt to new tools and frameworks.
- Detail-oriented and independent worker.

## LANGUAGES

- Hebrew | English | Russian

## EXPERIENCE

### Full-Stack Developer at 4DV

2023-Present

- Developed and maintained full-stack applications with a focus on backend data workflows.
- Developed APIs and SQL databases for efficient data retrieval and processing.
- Gained experience with AWS and Google Cloud while working on web applications
- Gained knowledge of GA4, Google Tag Manager, and Looker Studio for tracking website performance and analytics.

## PROJECTS

### Flood Prediction using Machine Learning

(PYTHON, PANDAS, SCIKIT-LEARN, MATPLOTLIB, SELENIUM)

- Built a predictive model using historical flood data and web-scraped data from health forums using Selenium.
- Cleaned and prepared datasets for machine learning with Python.
- Used regression techniques to forecast flood trends

### WhatsApp Chat NLP Analysis

(PYTHON, NLP, PANDAS)

- Conducted Natural Language Processing (NLP) analysis on WhatsApp chat logs.
- Extracted insights on conversation frequency, sentiment trends, and topic modeling.

### E-Commerce Platform Development

(REACT, NEXT.JS, NODE.JS, MONGODB, AWS)

- Developed a full-stack e-commerce platform allowing customers to browse, filter, and securely purchase products.
- Built dynamic product filtering, secure payment integration, and real-time inventory management.

## EDUCATION

BSC IN COMPUTER SCIENCE

Holon Institute of Technology

2021-2024