Dina Pinchuck   050-582-2998 | dinapinchuck@gmail.com | [LinkedIn](#)

Data Driven Software Engineer | Skilled Engineer specializing in Big Data and Machine Learning with proven expertise in designing, implementing, and optimizing data solutions to drive business insights and innovation.

Work Experience

2023 – Present
Data Engineer - **Playtika**

- Creating production level Big Data solutions based on business requirements and technological best practices for critical units within the company.
- Developing back-end code with **Python** and **Java**, **Spark** processing, and using **Airflow** and internal tools for orchestration.
- Working with multiple sensitive production databases including **PostgreSQL**, **Vertica**, **SingleStore**, **Hive**, and **Apache Iceberg**.
- Testing, debugging, monitoring, and troubleshooting solutions to ensure overall technical functionality and business needs are being met.

2022 – 2023
Machine Learning Engineer (Software Engineer + Data Scientist) - **Amdocs**

- Designed and developed production grade Machine Learning solutions for anomaly detection with multiple components and diverse technologies.
- Implemented code using **Python** and the data science stack – **NumPy**, **Pandas**, **Jupyter**, **Matplotlib**, **InfluxDB**, **Unix**, and **PostgreSQL**.
- Involvement in the entire development cycle – from data engineering and building models to running simulations on new features that are visualized and monitored through **Grafana** dashboards.
- Contributed as part of an international agile scrum team, while utilizing collaboration tools such as **Jira**, **Confluence**, and **GitLab**.

2021 – 2022
Software Engineer – **Israel Aerospace Industries – ELTA Systems**

- Developed and maintained a web application for the company's Big Data platform using **Django**, **REST APIs**, and **React**.
- Implemented backend features with **Python** and **Django**, while utilizing Big Data tools such as **AWS S3** and **Apache Airflow**.
- Built UI components with **JavaScript**, **React**, **MUI**, and **Axios**.
- Implemented unit and integration tests using **Pytest** and mock objects for improved code quality and maintainability.

Education

- Lev Academic Center – **B.Sc. Software Engineering | Data Science**
  - Second place hackathon winner for a computer vision project
- Datacamp - Data Scientist with Python Career Track, Understanding Data Topics

Languages

- English - Native
- Hebrew - Fluent