

# IVAN DANIELOV IVANOV

AI Engineer & Product Builder

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 [LinkedIn](#)

 [Portfolio](#)



## SUMMARY

Technology leader with over 9 years of professional experience in AI, Machine Learning, and BigData. Built products and solutions in Education, Healthcare, Retail, and Manufacturing.

## SKILLS

- AI Engineering | Machine Learning | Big Data Pipelines | Advanced Analytics | Product Research
- Python | SQL | Azure | GCP ([certified in 2020](#)) | BigQuery | Dataflow | Tableau | CI/CD
- Tech Leadership | Intercultural Communication | [Public Speaking](#) | English (Professional) | German (Basic)

## EXPERIENCE

### Stihia.ai

 **Sofia, Bulgaria**

**Founder**

**Sep 2025 - Present**

- Building a company focusing on security for AI agents - protection, red teaming, corporate trainings

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### Ethermind

 **Sofia, Bulgaria**

**Chief Technology Officer**

**Nov 2023 - Aug 2025**

- Drive product research, ideation, and validation processes
- Communicate with clients and partners
- Define and execute the technology roadmap to meet business goals
- Oversee AI software research, development, and product launches
- Hire, mentor, and manage the technical team
- Ensure reliable infrastructure and secure systems
- Maintain compliance and quality standards

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### Labsi

 **Sofia, Bulgaria**

**Co-Founder**

**May 2022 - Present**

- Building a [product company](#) providing a mobile app for **personalized healthcare**
  - Developing an **intelligent document processing** service for extracting structured data from lab test documents
  - Developing a cross-platform **mobile application** using Flutter
  - Maintaining and automating scalable **cloud infrastructure** on Google Cloud Platform using Terraform
  - Conducting **customer interviews** and various other **product management** activities
  - Over **900 users** and over **3,000 uploaded documents** since the app launch
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## Stork (Bulgarian Open Source LLM Project - [link](#))


 **Sofia, Bulgaria**

### **Volunteer Data Scientist**

**Jul 2023 - Jan 2025**

- Helped in building a **Bulgarian foundational LLM** alongside a team of 10 leading Bulgarian ML experts
  - Developed a **scalable pipeline** for processing 100s of GB raw text data using Google Cloud Dataflow
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## Humans in the Loop

 **Sofia, Bulgaria**

### **Chief Technology Officer**

**Nov 2022 - Jun 2023**

- Defined the **technology strategy** to transition from service company to product company in the MLOps domain
  - Defined the roadmap and developed **MVP of the first product** - platform for live human oversight of AI systems
  - Built and productionalized the platform using: Python (Flask), PostgreSQL, GCP, Docker, Terraform, Label Studio
  - Onboarded and supported the **first paying customer** of the product which provided work to 4 refugees in Sofia
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## SoftServe

 **Sofia, Bulgaria**

### **Lead Data Scientist**

**Feb 2021 - Nov 2022**

### **Data Scientist**

**Jan 2019 - Jan 2021**

- Led a team of 5 Data Scientists to build an **ML platform** (NLP, Graphs, Recommendation) used by **40K students**
  - Built a **predictive maintenance system** that reduced unscheduled downtime for 2 semiconductor companies
  - Developed customizable ML tools within a **prescriptive analytics platform** for large scale US retailers
  - Led the **productionalization** of ML pipelines on cloud using: Azure ML, GCP (Dataflow, Composer, Run, AI Platform)
  - Data science consultant for multiple projects ([happy client's testimonial](#))
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## Progress Software (Telerik)

 **Sofia, Bulgaria**

### **Data Scientist**

**Feb 2018 - Dec 2018**

### **Data Scientist, Associate**

**Feb 2017 - Jan 2018**

### **BI Performance Analytics Intern**

**Nov 2016 - Feb 2017**

- Developed Machine Learning solutions for predicting **lead purchase** and customer churn propensity that:
    - Helped the sales team to process 1000s of leads per day and identify potential upsell opportunities
    - Helped the customer success team to identify and prevent valuable customers from churning
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## Recogizer Group

 **Bonn, Germany**

### **Data Science Intern**

**Aug 2016 - Oct 2016**

- Developed a module for online adaptive training of deep neural networks using Kafka and Cassandra
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## University of Bonn

 **Bonn, Germany**

### **Student Assistant**

**Oct 2015 - Sep 2016**

### **Student Research Assistant**

**Oct 2014 - Jun 2015**

- Assisted the research activities in a **robotics lab** working on mobile manipulation robots using C++ and ROS
- Participated in the **DARPA Robotics Challenge 2015** in Los Angeles, California - our team won the 4th place
- Tutored exercise classes for 100 students of 2 master lectures: "Data Mining", "Learning from Non-Standard Data"

## **MicroAccount (Acq. by Yara)**

 **Varna, Bulgaria**

### **Software Developer**

**Jul 2012 - Aug 2013**

- Web and mobile **development** of application used by dozens of large scale farmers for tracking their equipment

## **EDUCATION**

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### **University of Bonn**

 **Bonn, Germany**

#### **M.Sc. in Computer Science**

**Oct 2013 - Oct 2016**

- Specialization on Intelligent Systems | GPA: 1.6 (best 1, worst 5) | Master Thesis: Feature extraction from **Graphs**
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### **Technical University of Varna**

 **Varna, Bulgaria**

#### **B.Eng. in Computer Systems and Technologies**

**Sep 2009 - Jul 2013**

- GPA: 5.85 (best 6, worst 2) | Bachelor Thesis: Melody modeling using Neural Networks

## **CERTIFICATES**

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- Google Cloud Certified - [Professional Data Engineer \(2020 - 2022\)](#)

## **PUBLICATIONS**

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- (Nov 2016) [NimbRo Rescue: Solving Disaster-Response Tasks through Mobile Manipulation Robot Momaro](#)

## **SIDE ACTIVITIES**

<b>Data for Good - Bulgaria</b>	<b>ABLE Pre-accelerator 2023</b>	<b>ABLE Activator 2022</b>	<b>ABLE Mentor</b>
Co-founder and Data Science volunteer of the <a href="#">NGO</a> that provides data work for the Bulgarian civil sector	Participating as a co-founder of Labsi and receiving mentorship from leading Bulgarian tech entrepreneurs	Graduated the 6 week high-intensity entrepreneurship <a href="#">program</a> as part of the winning team (Labsi)	Mentored 2 high school students in career orientation