

ILYA GNEZDILOV

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Orlando, FL

Programming Languages: Javascript, Typescript, Python, C#

ML & AI

Core

TensorFlow, PyTorch, CUDA, RLHF, JAX

Tools and Fine Tuning

Gradio Based Frameworks, LM Studio, Axolotl, ChatRTX

NLP Model Experience

LLaMA, Vicuna, Orca, Alpaca, Pygmalion, Nous-Hermes, GPT-J, GPT4All

Specialized Models & Techniques

Segformer, MoE Models, Sentiment Analysis, Mixtral, DeepSeek, GQA (Grouped Query Attention), LongNet

Optimization & Enhancement

QLoRA, LoRa, ExL2, GGUF, CPU Offloading, TensorRT, Quantization

Core Language

Python

FULL STACK

Frameworks

Angular, Svelte, React, Vue, Nextjs, Nuxtjs, Ionic, Tailwind, Bootstrap

Backend Technologies

Node.js, ASP.NET, Bun, Express.js

Cross Platform Tools

Svelte Native, React Native, Expo, Native Script, Cordova, Capacitor

Core Languages

Typescript, JavaScript, HTML, CSS, SCSS

DATA ARCHITECTURE

Databases

DeepLake, Graph, OLAP, OLTP, Relational, Document, Vector, Key/Value, SQL, MySQL, NoSQL

Data Management & Processing

Amazon Security Lake, Databricks, Azure Data Factory, Power BI, Data Lake, GraphQL, Firebase, MySQL, Hadoop

Cloud Platforms & DevOps

AWS (S3, EFS, RDS), Azure (Monitor, Key Vault), Kubernetes, Docker

Core Languages

C#, SQL

OTHER SKILLS

System Administration

Hands-on experience configuring and maintaining IT systems across various environments

Healthcare Domain Expertise

Deep understanding of IT integration, revenue cycle management, and HIM processes

Technical Communication

Adept at interpreting and communicating complex technical concepts to diverse audiences

Multilingual Proficiency

Fluent in English and Russian

PROFESSIONAL EXPERIENCE

ML & AI Solutions Engineer

Independent

March 2023 – Present

- Specialize in creating and training language models like LLama, Vicuna, BERT, GPTJ, GPT4, GPT4ALL.
- Developed autonomous AI-driven systems that improved efficiency for various client projects.
- Leverage machine learning and artificial intelligence techniques to optimize and improve system performance and efficiency.
- Provided expert consultation to clients, developing tailored AI solutions to enhance system performance and promote business growth.

Core Technologies

Python, TensorFlow, PyTorch, CUDA

Senior React Native Engineer

CrowdHealth

August 2022 – March 2023

- Collaborated with the CTO to revamp the development pipeline, significantly enhancing efficiency and productivity
- Led a comprehensive system overhaul and upgrade, streamlining operations and improving system performance.
- Developed and integrated AI, web, and native applications with custom backend APIs, tested within fully automated DevOps AI pipelines.

Core Technologies

React Native/Expo, Node.js, Typescript, Tailwind

Software Designer and Engineer

Independent

August 2021 – August 2022

- Designed and developed dynamic user interfaces using Svelte, Typescript, and Sass. Enhanced functionality with Node.js for efficient server-side scripting.
- Built full-stack applications with C#, .NET, SQL, and AWS, ensuring high performance and responsiveness.
- Managed databases and data processing using Amazon Security Lake, Databricks, Azure Data Factory. Implemented cloud platforms and DevOps practices with AWS, Azure, Kubernetes, and Docker.

Core Technologies

Typescript, Svelte, C#, .NET, SQL, AWS

Front End Web Developer

Colossus Game Studio

February 2020 – August 2021

- Developed a 3D animated simulated Gladiator fighting area integrated with an NFT Marketplace, resulting in a unique and engaging user experience.
- Utilized Python, React, BabylonJs, Blender, OpenSea SDK, and Elasticsearch to build and optimize the application.

Core Technologies

Typescript, Blender, BabylonJs, OpenSea, Elasticsearch

IT Systems Administrator & Maintenance Technician

IKEA, USA

August 2016 – February 2020

- Managed Level 1, 2 & 3 IT issues for ~1300 users across 3 different states at the same time
- Installation, Configuration and Maintenance of Nationwide Retail Network IT Systems.
- Analyze Operational Management Reports and Records.
- Commercial Carpentry Work for a Large Retail location.
- Estimate Materials Or Labor Requirements.
- Prepare Reports, Read Blueprints & Technical Drawings.

Core Technologies

Python, Bash, Windows Server

Team Lead & Supervisor

Pollo Tropical, Cobb Theatres

January 2015 – August 2016

- Progressed from entry-level to Team Lead and Supervisor, demonstrating leadership and customer service excellence.
- Managed daily operations, including scheduling, training, and supervisory duties, ensuring optimal customer experiences.
- Directed a team of 20+ employees, overseeing cash handling, inventory management, and maintaining high-quality service standards.
- Coordinated with senior management on workload delegation and operational improvements.
- Ensured customer satisfaction through effective team coordination and problem resolution.

EDUCATION

Bachelor of Science in
Biomechanical Engineering
2019 – In Progress

University of Central Florida •
Orlando, FL

Associates of Science Degree

Nov 2017

Valencia College • Orlando, FL •
3.45 GPA

Open Source & Community Involvement

- Active participant in various ML/AI Discord groups, providing consultation and collaborative coding efforts to aid in project developments.
- Involved in brainstorming sessions and group coding events, contributing to the problem-solving process and knowledge exchange within the community.