Mark Motliuk

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WORK EXPERIENCE

Genesis Tech @ Education Team - One of the biggest IT product companies in Ukraine

Feb 2023 - present

Middle Full-stack Software Engineer

- Built a web platform ecosystem from scratch for ~10k students featuring selection flow, personal profile, calendar, session recordings, and more. Used SvelteKit, Tailwind CSS, Planetscale and Cloudflare Workers
- Written various CLI automation scripts and web services for migration from Google Sites to Notion (on super.so front-end) for the Internal Education Platform used by 4k+ employees
- Built & managed widely used internal CRM tools (using Appsmith) and numerous automation workflows (via n8n) on a Hetzner infrastructure
- Reconstructed the StartUp Academy Together with Meta website for the 3rd version of the program, on Wordpress and later SvelteKit

Hearty App - A mobile app helping parents spend more quality time with their kids

Apr 2022 - Sep 2022

Software Engineer

- Used Flutter and TypeScript (NestJS) to implement Daily Reminders system, updated sign up workflow, tweaked UI, and more
- Used Pandas, SQL, and Mixpanel API for conducting product analytics, providing the team with key user behaviour insights

Freelance

Oct 2021 - Sep 2022

Full-stack Developer

- Used Flutter for building Android, iOS and PWA apps, TypeScript and Golang for Back-ends
- Built 2 commercial full-stack apps for businesses in the areas of Cryptocurrency and Finances and finished 5+ small projects

Sharik - An open-source, cross-platform application for sharing files

Feb 2020 - Oct 2021

Software Engineer, UI/UX Designer

- After noticing a common problem at school and struggling to find a feasible solution, built a free app for sharing files via WI-FI
- Used Figma for design, Flutter for UI, and Golang (later Rust) for the sharing engine
- Sharik has 900+ stars on GitHub, 20 000+ monthly users, and 20+ crowdsourced translations

EDUCATION

Kyiv School of Economics

2021 - expected 2025

Bachelor Degree in Business Economics

- GPA: 94/100 (projected)
- Participated in a "Reproducible research using R" summer school; Built an animated map of Ukraine using R showing the history of air raid sirens, placing 2nd (among ~40 students)
- Besides business and economics, through electives deepened knowledge in Data Analytics via Python and R, low-level systems programming in Rust and Golang

School-lyceum №1 of Kamin-Kashyrskyi

2009 - 2021

High School Degree

- GPA: 10.9/12 (unweighted)
- Received scholarships for high academic achievements (out of ~2 000 students)

2018 - 2021

- Successfully took part in various oblast-level competitions in Math, Programming, and Physics

Ukraine Global Scholars

2020

Assistance in applying to the world's best schools

- One of 47 finalists out of 750+ applicants selected through a rigorous 3-stage selection process focusing on academic skills, extracurricular achievements, and character

STANDARDIZED TESTS

- Ukrainian Independent Evaluation (out of 200): 196 in English, 186 in Math, 174 in Ukrainian *May 2021*
- Duolingo English Test: 125/160 (C1) *Nov 2020*
- SAT: 1450/1600 (99th percentile) *Oct 2020*

COMPETITIONS

Research competition by Junior Academy of Sciences of Ukraine *May 2021*

- Used Flutter and Golang to build software for simulating distributed networks
- Conducted research exploring ways to optimize peer-to-peer systems
- Presented two research papers at a national level, placing 2nd in Math, and 3rd in IT

INT20H - One of the biggest hackathons in Ukraine *Feb 2021*

- Led a team of 4 people: 1 Designer, 2 Flutter developers, 1 Laravel developer
- In under 20 hours, built an Android/Flutter application that helps users get to their taxi utilizing Location Technologies, Compass, and Augmented Reality
- My team placed 3rd, receiving special recognition as the youngest

INTERNSHIPS / SOCIAL PROJECTS

Center for Sociological Research, Kyiv School of Economics Institute *Jun 2022 - Aug 2022*
Data Engineer

- Used Python to parse geospacial data from websites related to the decentralization reform in Ukraine
- Used Golang to obtain a list of operating ukrainian businesses from Open Street Maps data

Grey Box - a non-profit making popular internet resources available in remote regions *Jul 2021 - Sep 2021*
Software developer, R&D

- Improved and documented a Web Scraping workflow
- Used Python and Rust to build an efficient downloading tool for complex websites

ENGin - a peer-to-peer English program for Ukrainian youth *Jul 2021 - Sep 2021*
Research Assistant

- Evaluated 40+ English proficiency interviews according to internal metrics

Witals24 - an Indian company manufacturing devices for real-time health monitoring *Jul 2020 - Sep 2020*
Front-end developer, UI/UX Designer

- Used Figma and Flutter to design and build a web dashboard for displaying ECG graphs and other patients' data in real-time

<- WORK EXPERIENCE, EDUCATION