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Hi, I'm **Maxim Ignatev**, a full-stack developer with AI expertise and design background.

Experience

- Frontend - 6 years
- Backend - 4 years
- UI/UX - 1.5 years
- AI - 1 years

Proficiency in: React, Next.js, Tailwind, GraphQL, Hasura, Prisma, Apollo, Typescript, Tiptap

Work history:

Apr 2023 - Sep 2023

Full-stack / AI developer at **Mori**

A next-generation genealogy software designed to foster family connections.

- Built media gallery from the ground up, equipped with AI features such as photo restoration, image text recognition, audio transcription and translation.
- Pioneered 'MemoryClips': A tool transforming GEDCOM files into personalized video stories. Utilized Claude LLM, Azure Text-to-Speech and Google Images Search API to produce script narratives.
- Utilized Remotion, AWS Lambda and S3 services for scalable video rending.

React • Node • Prisma • OpenAI • Claude • Replicate • Azure • Remotion • Supabase • AWS Lambda • Speechmatics •
Photo enhancement • Speech-to-text • OCR • Face recognition • Prompt engineering • Chakra UI • GEDCOM

Oct 2022 - Jan 2023

Founding Engineer at **Machcast**

AI-driven platform designed to extract engaging moments from the long videos to distribute on short-form content social media platforms.

- Built the media pipeline transforming long videos into the end clips.
- Developed frontend and video editor interface to add captions, subtitles, trim, crop videos for specific platforms and apply additional effects (such as background blur).
- Developed backend service to edit the videos using ffmpg.
- Fine-tuned GPT model for clip title generation.

React • Node • Prisma • Next.js • Hasura • AssemblyAI • OpenAI • Youtube API • ffmpg • Vercel • AWS EC2 • S3 • RDS

Jul 2022 – Sep 2022

Frontend developer at **Trialproofer**

Legal case preparation tool.

- Developed a specialized text editor, tailored specifically for capturing, organizing, and referencing legal case specifics.

- Implemented a comprehensive note management system designed to accommodate the dynamic nature of legal workflows, facilitating the addition of supplementary chapters and ensuring logical case structuring.

- Incorporated legal domain-specific functionalities into the editor, enabling intricate management of various law entities, such as "witness", "evidence", "authority", etc.

React • Tiptap • ProseMirror • react-beautiful-dnd • styled-components

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Mar 2022 – May 2022

Solution Architect at **DM6Labs**

A telemedicine company specializing in COVID-19 testing and consultations.

- Designed and implemented an end-to-end no-code automation flow for a telemedicine service.

- The system captures orders from Shopify, creates customer records in Zoho CRM, schedules consultations through Zoho Bookings, and informs patients of their COVID-19 PCR test results via email.

- Utilized Zappier to bridge different platforms and automate the entire process.

- Provided staff with comprehensive training and instructions on the new workflow, ensuring smooth adoption.

Shopify • Zoho CRM • Zoho Bookings • Zappier • Mailgun • QR Code Generation

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Feb 2022

Front-end developer at **Vividaura**

NFT-based moodboard to let people showcase their digital assets collaboratively.

- Designed an interactive zoomable canvas where users can drag, rotate, and resize objects, including images and GIFs, to craft a unique digital moodboards.

- Incorporated a 'land-purchase' system, ensuring objects can only be placed within the bounderies of the user's purchased tiles.

- Applied constraints to maintain the integrity of each user's land, preventing overlap into other users territories.

React • KonvaJS

Oct 2021 - Feb 2022

Founder at **Styleguide.ist**

Generative UI tool designed to produce UI kits and component systems tailored to customer's brand styles.

- Conceived and pioneered the project as a solo founder, driving both the conceptualization and technical implementation.

- Built an initial proof-of-concept to validate the technical feasibility and demonstrate the tool's potential to both potential customers and investors.

- Introduced a few foundational components such as buttons, inputs, and blog posts, enabling users to adjust components look by customizing specific UI parameters, while preserving the UX (layout).

- Due to challenges in obtaining investments and necessity of securing a job for financial stability, I decided to shift my focus away from the continued development of this project.

React • TailwindCSS • ThemeUI • Atomic design

(Indie project)

Sep 2021 - Oct 2021

Founder at **tldr.app**

Text summarization Chrome Extension, powered by DistilBERT model.

- Developed a unique interaction method for on-the-fly text summarization.

- Utilized Huggingface API and DistilBERT model to act as a summarization model.

- Attracted potential investment interest but opted not to proceed due to uncertainties about market demand.

Chrome Extension • HuggingFace • LLM • Text summarization

(Indie project)

Aug 2021 - Sep 2021

Founder at **type-j**

A Chrome extension powered by GPT-J, designed to aid writers in overcoming writer's block by offering contextually relevant text suggestions.

- Invented an iterative text generation approach, where users start with a single word suggestion and progressively build upon it - to phrase, sentence, paragraph, section, and ultimately full-scale articles/chapters.

- At each step, users are offered several context-aware choices that build cohesively upon their previous selections.

- Halted development due to uncertainty in pinpointing a target market, coupled with concerns about commercial viability.

Chrome Extension • GPT-J • LLM • Text generation

(Indie project)

Jun 2021 - Aug 2021

Programming Tutor at **DAN.IT**

Served as a programming instructor for an English-speaking cohort, teaching core concepts of HTML, CSS, and JavaScript.

HTML • CSS • JavaScript

Feb 2021 - Jun 2021

Founding Engineer at **Movenation**

Co-founded an initiative to aid individuals relocating to new countries by linking them with experts for personalized consultations.

- Designed and developed a test landing page to evaluate potential user interest.

- Decided not to proceed further as the landing page did not meet our targeted conversion rate expectations.

React • Next.js • TailwindCSS • TailwindUI

Jun 2020 - Dec 2020

Full-stack developer / Founding engineer at **Calmpaper**

A community platform that allows writers to progressively publish their books, gain feedback and receive donations.

- Joined as a technical founder and took the lead in executing the project.

- Built the platform from scratch within two weeks, enabling users to publish their books chapter-by-chapter, receive comments and engage with their audience.

- We didn't hit the instant product-market fit, so the founder decided to pivot to reduce chapters size to 140 words (for content to be more engaging). Then this assumption didn't work and it was decided to pivot again, now to manga-like visual stories format.

- Eventually, the different visions and inability to find the product-market fit led us to part ways with the founder.

React • Next.js • Node • Prisma • Stripe

Mar 2020 - Apr 2020

Full-stack / Mobile developer at **MyFit**

Fitness application showcasing resistance bands training tutorials.

- Developed and released mobile applications (iOS and Android) using no-code platform "Bravo Studio" with the collection of resistace bands training videos.

- Integrated DatoCMS for managing application's content.

- Additionally developed a Progressive Web Application (PWA) to provide users with the seamless web access and additional features.

React • Bravo Studio • DatoCMS • PWA

May 2020 - Jun 2020

Front-end developer at **antcmd**

An experimental text-based command interface designed for various applications.

- Developed versatile text interface allowing users to execute a variety of commands directly within the text environment, using context around cursor and backslack commands (eg "tesla.com/lookup").

- Implemented a suite of commands for cold email automation, including company lookup via Crunchbase, employee lookup via Hunter.io, email composing with Gmail integration, and others.

- Successfully packaged and released the tool as a standalone desktop application using Electron.

Vue • Nuxt.js • Tiptap • ProseMirror • Electron • API Integrations

Oct 2018 - Jun 2019

Full-stack developer at **Voicestory**

Community chat widget for websites.

- Joined as the technical founder to advance the development of a community-focused chat widget, building upon existing groundwork.

- Managed a team of three developers, while also contributing hands-on development work.

- Faced challenges in balancing team management and hands-on development, which impeded feature completion.

- Due to the complexities of merging hands-on development with team management, and subsequent delays in feature roll-out, the project was transitioned to another development team.

React • NodeJS • Prisma

Jan 2018 - Jun 2018

UI/UX Designer at **Hostaway**

Unified property management solution for property owners.

- Initiated redesign of the dashboard, providing a complete overhaul from its previous version.

- Designed the mobile application.

- Collaborated closely with the development team to ensure the correct application of the designs, providing necessery adjustments when needed.

Sketch • Zeplin • Origami Studio • Framer

Apr 2016 - Jun 2018

Junior/Middle Developer at **Web-pal**

Served in a multi-faceted role at an agency, focusing on both internal tool development and client-focused outsourced projects.

- Advanced from a junior developer position to a middle-level role, eventually taking on leadership duties and guiding my first junior developer.

- Engaged in a mix of outsourced client projects and development of internal agency tools.

- Worked collaboratively with a team, contributing to various projects and ensuring client satisfaction.

React • React Native • React Router • Redux • Redux-thunk • Redux-saga • Electron • PostgreSQL • styled-components

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Sep 2017 - Dec 2017

UI/UX Designer / Front-end Developer at **Chronos**

Comprehensive time-tracking solution for JIRA.

- Designed the desktop application's UI/UX, offering deep Jira integration so users can view tickets, see attachments, comment, change status, easily track time and switch between projects.

- Designed the Jira extension interface, enabling users to view and manage worklogs as well as generate reports, such as financial billing based on hourly rates.

- Designed and developed marketing page, highlighting its core functionalities and value propositions to promote the product.

- Worked in tandem with the team at Web-pal to bring the product to launch.

React • Electron • AtlasKit • Sketch • styled-components

Oct 2016 - Mar 2017

Middle Front-end Developer at **Hostaway**

Unified property management solution for property owners.

- Developed various features for their dashboard.

- Initiated the mobile application development.

- Led a junior developer, providing guidance and mentorship.

React • Redux • React Native • Bootstrap

Sep 2016 – Nov 2016

Junior Front-end Developer at **Zenkraft Deliverable**

Service for shipping tracking within Salesforce ecosystem.

- Engaged as a junior frontend developer as part of my outsourcing role at Web-pal.
- Developed various frontend features using React and Redux.
- Collaborated closely with backend developers for feature integrations.

React • Redux • SCSS

Jul 2016 – Aug 2016

Junior Mobile Developer at **Hypefactors**

Mobile application for tracking and valuation of brand mentions across various media channels.

- Implemented the React Native interface based on provided designs.
- Collaborated with backend developers to ensure seamless data and API methods integration.

React • Redux • React-Native

Apr 2016 – Jun 2016

Junior Developer at **DBGlass**

Desktop GUI client for Postgres database management.

- Participated in a project designed for internal use and practice within Web-pal, enhancing the team's database management tools.
- Focused on React frontend development, alongside with implementing SQL features.
- Worked under the guidance of other developers to ensure code quality.

React • Redux • Electron • Bootstrap • PostgreSQL

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