



Denis Dmytrenko

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As a Full Stack Developer with over 6 years of experience, I am proficient in developing and testing multiple web-based applications incorporating a variety of technologies. With my ability to handle projects end-to-end and eye for detail, I have led web development projects and enhanced existing software functionality, enabling businesses to scale and evolve in dynamic environments. I am eager to leverage my technical prowess and creative thinking for developing innovative tech solutions that drive productivity, customer satisfaction, and business growth.

Experience

Full Stack AI Developer

Crunch, Oct 2022 – Jun 2023

- Implemented Text-to-Image, Text-to-Video, Text-to-Speech, Speech-to-Text based on AI using various services like GPT-3.5, GPT-4, DALL-E, Whisper in OpenAI, 11Labs API, D-ID API, Azure VALL-E, Google services etc.
- Embedded the dataset(PDF, Website content, CSV, Text, Document etc) using Langchain(LLMs framework) and Pinecone(Online Vector Database).
- Integrated the AI-powered Chatbots into various messaging platforms such as Slack, WhatsApp, Telegram etc.
- Developed an innovative Virtual Health Assistant app that leverages AI, Machine Learning and Natural Language Processing to provide accurate and hopeful responses and complies with relevant regulations such as HIPAA.
- Created an AI legal tool that connects to laws, contracts, and even country-specific legal databases using Langchain(LLMs framework).

Blockchain Developer

Bovill, Jun 2020 – Apr 2022

- Developed and successfully deployed several decentralized applications (DApps) on the Ethereum blockchain using Solidity, Truffle and web3.js.
- Created a secure multi-cryptocurrency wallet, thus enabling secure and efficient transactions.
- Authored, tested and optimized multiple smart contracts that facilitated automated, transparent transactions and agreements, minimizing the need for intermediaries and reducing overall costs.
- Developed ERC-20 tokens for a number of startup ICOs that provided a quick and secure method of funding.
- Developed smart contract for NFT marketplace that govern the minting, transferring, and auctioning of NFTs.

Backend Python Developer

Deventor, Sep 2018 – Nov 2019

- Developed an ingestion and processing pipeline on AWS for photos from surveillance cameras.
- Created a specific road surveillance system using image analysis of satellite images using OpenCV.
- Created Coupon Code Delivery System for Ecommerce using Python/Django.
- Crawled data heavily from multiple sources using Scrapy and custom crawlers.
- Implemented CI/CD pipelines with Jenkins, automated most of the deployment process.
- Built and maintained infrastructure fully deployed in AWS.

Frontend Developer

Exoft, Jul 2017 – Mar 2018

- Implemented server side rendering(SSR) in SKU and SPU pages in E-commerce sites with Next.js.
- Developed TV management system that manages the movies, TV programs, radio, news for US with Vue.js/Laravel.
- Created Paint tool using Fabric.js and Chart.js and integrated to website.
- Created an advanced subscription module with different prices using Stripe API.
- Developed pixel-perfect interfaces from Figma design only using HTML/CSS/JavaScript.

Skills

- JavaScript/TypeScript, HTML/CSS, GraphQL, PHP, Python, Langchain, Golang
- React.js, Next.js, Vue.js, Node.js, Electron.js, Laravel, Django, Flask, Solidity, React Native
- Web Scraping/Automation, CI/CD
- WordPress, Ethereum
- AWS, Azure, Google Cloud Services, Heroku
- MySQL, MongoDB, PostgreSQL, Pinecone
- Fabric.js, Chart.js, Google Analytics 4, Google Apps Script, OpenCV
- Mobile development (iOS / Android)
- Github, Agile Software Development

Education

2012 - 2016

Bachelor' s degree - Yuriy Fedkovych Chernivtsi National University