

Roman Martynenko

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Full Stack Software Engineer

Summary

Results-driven Full Stack Software Engineer with over 10 years of experience in high-impact positions. Demonstrated ability to enhance business performance through innovative solutions and effective collaboration. Committed to continuous professional growth and contributing to team success by driving strategic initiatives. Detail-oriented and skilled in managing multiple projects with precision, I thrive in dynamic environments and consistently deliver exceptional results.

WORK EXPERIENCE

HENRY AI • New York • 07/2024 – Present

Henry AI's mission is to streamline CRE workflows and create high-quality marketing deliverables in minutes leveraging cutting-edge AI technologies.

Founding Engineer • Full-time

Played a pivotal role as an early employee in a startup focused on streamlining commercial real estate (CRE) workflows through innovative AI technologies, contributing to the company's mission before and after the seed funding round.

- Led the development of a highly efficient PDF presentation generator and editor, enabling users to create high-quality decks with flexible, scalable, and diverse designs, significantly enhancing user experience and productivity.
- Designed and implemented a comprehensive deck creation flow that effectively gathers necessary input data, facilitating thorough research and ensuring the production of impactful marketing deliverables.
- Developed a multi-agentic backend system utilizing various fine-tuned LLM models and Retrieval Augmented Generation techniques, enabling the generation of new decks based on input documents, online research, and previously created decks, supported by ranking machine learning mechanisms.
- Managed the full development cycle from concept to production, ensuring timely delivery of features and maintaining high standards of quality throughout the process.
- Contributed to the successful seed funding round and exponential growth of the company through innovative feature development and strategic technical leadership.

Primer • 08/2023 – 07/2024

Gives B2B marketers the power to reach their ideal customers on Facebook, Instagram, Google, YouTube, and beyond—eliminating wasted spend.

Full Stack Software Engineer

Played a critical role in developing a core microservices framework and leading initiatives that enhanced engineering velocity, improved product quality, and successfully pivoted the company back to growth.

- Adopted engineering best practices and delivered highest quality scalable solutions.
- Developed a framework that serves as a basis for new microservices
- Led projects for a new version of the product. Participated in system design and project management ceremonies
- Improved development velocity by adjusting CI/CD processes
- Delivered documentation for design decisions, estimating assumptions, code modules and performance metrics.

Dataart • 05/2021 – 08/2023

Full Stack Engineer

- Improved SEO scores for core pages of the application by working on Core Web Vitals and applying innovative techniques
- Worked with stakeholders to define requirements and troubleshoot issues.
- Architected and implemented scalable, robust, highly available, secure applications to meet needs using cloud computing (AWS)
- Rewrote core business logic with Typescript
- Migrated Aurora database from NodeJS service (Sequelize ORM) to .NET
- Conducted interviews with potential candidates.
- Onboarded and mentored newcomers
- Organized knowledge share workshops increasing teammates' technical expertise

DecisionMapper • 10/2017 – 05/2021

Full Stack Developer

- Designed and implemented scalable applications for data extraction and analysis using React, NodeJS, MongoDB
- Participated in requirements gathering to solidify prerequisites and determine best technical solution to meet business needs.
- Increased new products development speed by building microservices platform in collaboration with stakeholders and other developers
- Built employee structure analyzer service which increased company revenue by 40%
- Analyzed existing software implementations to identify areas requiring improvement.

PVD Technology • Cherkassy • 03/2016 – 10/2017

Frontend Developer • Full-time

- Improved SEO score for several satellite websites by 30–60% by optimizing page performance according to industry standards
- Developed new features and maintained 5 satellite websites driven by Wordpress and MobX CMS which brought extra traffic to main corporate websites

- Participated in front-end architectural decisions. Established component library development. Rewrote different parts of websites from JQuery and VanillaJS to React
- Onboarded and mentored 1 Junior Developer

Rubarb Digital • 06/2016 – 05/2017

Front End Developer

- Collaborated with stakeholders during development processes to confirm creative proposals and design best practices.
- Developed core business logic using PHP/JS /HTML/CSS for websites driven by Wordpress CMS
- Produced websites compatible with multiple browsers and devices.
- Developed personal portfolio website from scratch with given design using Wordpress CMS.
- Improved page load time by 40% through optimizing code and reducing file sizes, resulting in a better user experience and increased site traffic.

EDUCATION

Masters in Computer Science

Cherkasy State Technological University • Cherkassy • 09/2020 – 02/2021

CERTIFICATIONS

AWS Certified Solutions Architect Associate • 05/2022 – Present

SKILLS

AI, Amazon Web Services, C#, Cascading Style Sheet, Cloud Computing, Conducting Job Interviews, Entity Framework, Golang, Google Cloud Platform, HTML/CSS, Javascript, jQuery, LLMs, Microservices, Mobx, .NET, Node.JS, PHP, Project Management, Python, Systems Design, Technical Competency, Troubleshooting, TypeScript, WordPress