

Yurii Kinakh

## Software Engineer

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### Summary

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I am an AI Full Stack Engineer with extensive experience in crafting innovative web applications and AI-driven solutions. Proficient in a diverse array of technologies, including React, Node.js, Python, TensorFlow, and PyTorch, I effectively bridge the gap between front-end and back-end development. My expertise encompasses building dynamic user interfaces, developing high-performance server-side applications, and implementing machine learning models to enhance functionality with intelligent features.

I excel at optimizing applications for performance, scalability, and security, ensuring a seamless user experience across platforms. With a solid foundation in programming, software engineering, and data science, I design and maintain robust systems that seamlessly integrate AI capabilities. I am dedicated to continuous learning and remain abreast of the latest advancements in full-stack development and AI/ML technologies.

Let's collaborate to create cutting-edge solutions that drive innovation and deliver exceptional value!

### Experience

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#### Riskified

Tel Aviv, Israel

##### Software Engineer

06/2023 – 01/2025

- Led a team of 7 to develop a scalable multi-agent AI system for analyzing large datasets.
- Implemented a primary agent that manages general queries and routes requests to specialized agents with 95% accuracy.
- Built a data analyst agent to query, validate syntax, and generate visualizations, improving analysis efficiency by 71%.

#### Softermii

Studio City, United States

##### Software Developer

03/2019 – 12/2022

- Developed custom AI/ML models for industries such as healthcare, retail, and financial services.
- Led a team to deploy an AI-powered recommendation engine that increased e-commerce sales by 30%.
- Implemented an NLP system for real-time customer support, reducing resolution time by 40%.
- Optimized data pipelines for large datasets, ensuring scalability and enhancing model training efficiency by 20%.

#### Simpalm

Chicago, United States

##### Software Developer

08/2015 – 09/2018

- Designed and developed front-end components with React.js and Material-UI, enhancing user engagement.
- Transformed design concepts into visually compelling user interfaces that enhance the overall user experience.
- Built the entire back-end infrastructure on AWS, including setting up Amplify instances, configuring S3 buckets, and optimizing service performance.

#### Codal

Chicago, United States

##### Full Stack Developer

02/2014 – 04/2015

- Developed Vue-based UI components to improve user interface interactivity.
- Implemented REST APIs using Spring Boot for smooth data communication.
- Created a desktop application using Swing, gaining practical experience in Java desktop development.

## Skills

Web Development • React.js • Next.js • Vue.js • Python • Node.js • Java • JavaScript • AI Development • Machine Learning • Natural Language Processing • AI Model Development • AI Model Integration • Tensorflow • PyTorch • Data Science • Machine Learning Algorithms • Cloud platforms

## Education

### Nothern Lights College

Bachelor of Computer Engineering

2007 – 2008

### Ryerson University

Master of Computer Engineering

2008 – 2012

## Strengths

### Life-Long Learner

Always seeking to improve and grow, up-to-date on latest trends and technologies

### Problem-Solving

Quickly identify and resolve issues in code, debugged Java-based application and increased customer satisfaction rating by 25%

### Team Management

Create a positive and collaborative environment, increased staff satisfaction rating by 20%

### Task Delegation

Delegate tasks according to staff strengths, led project that finished ahead of schedule and earned \$2.5M in sales revenue