

I'm a Software Engineer generalist with **5+ years** of experience working on full-stack apps: **Python, AI, React Native, JavaScript, Java**
Looking for small teams that move fast — in-person in **Seattle, WA**, but open to relocation or working remotely.
I learn fast and get things done.

Employment

Software Engineer (contract)	Secta Labs	Sep 2023 - now
Secta: Generating professional AI headshots using AI. I work on various Machine Learning projects		
<ul style="list-style-type: none">Built a classifier that can detect AI-generated photos with 99%+ accuracyTech stack: PyTorch, FastAI, Python		
Software Engineer	RehApp	Dec 2022 - 8mo
RehApp: Web app for rehabilitation programs. I worked on UX improvements for doctors		
<ul style="list-style-type: none">Improved data quality by eliminating noise, so the doctors have more accurate and less ambiguous exercise chartsReorganized the patients' history page to provide faster overview, enabling at-a-glance viewing of rehabilitation progressAutomated reports made from patients' data, exportable to PDF or CSV to reduce manual data entryTech stack: PHP, Laravel 8, HTML/CSS/JavaScript, Bootstrap, MySQL, and Git		
Software Engineer	London Stock Exchange Group	Sep 2021 - 1y 3mo
Stock exchange and financial information company. I was responsible for authentication, authorization, administration		
<ul style="list-style-type: none">Achieved a 5x faster startup by migrating legacy Servlets to Spring Boot on AWS LambdaSaved \$120,000 annually, by adapting a Captcha library to OpenJDK 8 on SolarisReduced unauthorized access risk by 80% by integrating Node.js code with new MFA workflowInvestigated and fixed 30+ critical production issuesAutomated common deployment workflows, achieving a 5% reduction in deployment timeMigrated several of the biggest European banks to a new frontend workflowTech stack: Java 8, Spring Boot, OpenDJ, Node.js, Rundeck, Jenkins, AWS Lambda, LDAP, and Git		
Software Engineer (freelancer)	Upwork	Dec 2019 - 1y 6mo
Various projects for customers from Europe and North America		

Education

Universidad De Córdoba	Erasmus exchange student Computer Engineering	2022 - 2023
Kyiv Polytechnic Institute	Bachelor's degree in Computer Science Integrated Information Systems	2019 - 2023

Projects

Links to demos and learn more at <https://tolkunov.dev/>

AI-powered TODO list

A smart TODO app you can control by your voice, built on Whisper and Mixtral models for natural language processing

Tech stack: Python, Django, Whisper, Mixtral, Modal.com

Smart Water Bottle

I made a bottle that tracks how much water you drink during the day with a mobile app and server sync

Tech stack: ESP32, C, Java, Spring Boot, React Native, Fusion 360, MongoDB, and Google Cloud Platform

Skills

AI: PyTorch, FastAI, Whisper, LLaMA

Languages: Python, Java, PHP, JavaScript, C

Web Backend: Spring Boot, Node.js, Express, REST, Django, Laravel

Web Frontend: HTML, CSS, JSP, Thymeleaf, Bootstrap

Databases: MySQL, LDAP, MongoDB, RabbitMQ, PostgreSQL

DevOps: Jenkins, Rundeck, AWS Lambda, Docker, Maven, Git

Management: Agile, Scrum, Kanban, Mentoring