ROI SULIMANI

SOFTWARE ENGINEER

CONTACT

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🌐 LinkedIn profile

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PROGRAMMING LANGUAGES

Python	C++	SQL
TypeScript	JavaScript	HTML/CSS

LIBRARIES & TOOLS

GitLab CI/CD	React	OpenAI API
Jenkins	FastAPI	LangChain
NPM	Make	Hugging Face
PyQt	Zapier	Git

EDUCATION & CERTIFICATIONS

B.Sc. Software Engineering

Azrieli College of Engineering (JCE)

2016 - 2020

Final Project - Picture Similarity
- Developed an AI tool for classifying images based on similarity, including a website and mobile app for crowdsourcing, incorporating machine learning and data handling principles.

Courses (DeepLearning.AI)

- Prompt Engineering for Developers
- LangChain for LLM Applications
- OpenAI API Fundamentals

LANGUAGES

Hebrew - Native speaker

English - Full Professional Proficiency

PROFILE

Versatile Software Engineer with 5+ years of experience developing internal tools, automations, and full-stack applications, infrastructure, and operations.
Built dozens of custom tools that reduced manual workloads and increased efficiency across teams. Passionate about AI integration, with hands-on experience building applications using OpenAI API, LangChain, embeddings, and custom pipelines. Experienced in Python, CI/CD, React, and cloud-based architectures. Quick learner and highly independent, with a strong record of end-to-end project ownership.

WORK EXPERIENCE

Self Employed Software Engineer - RoiTech　　　　　2023 - Present

- Built websites and internal tools for small businesses and independent clients utilizing React, CMS platforms, cloud technologies and Python.
- Delivered full-stack projects with attention to UI/UX, performance, and maintainability.
- Explored AI and LLM-based tools as personal R&D projects, including code assistants, chatbot applications, retrieval-augmented generation (RAG) systems, fine-tuning models, and advanced workflows using LangChain, OpenAI API, Hugging Face, and embedding-based vector databases.
- Experimented with Make, Zapier, and automation workflows to expand capabilities.

Software Engineer - OrCam Technologies　　　　　2020 - 2023

Led the development of internal tools and automations to improve efficiency across R&D, product, QA, sales, and marketing teams.

- **Automation & Tooling:** Designed and developed dozens of internal tools and automation scripts using Python, PyQt, and React to streamline operations and reduce manual work across departments.
- **System Integration:** Created custom scripts and wrappers to integrate outsourced systems with OrCam infrastructure, improving cross-platform data flow and compatibility.
- **Release Process Redesign:** Designed, planned and led a comprehensive redesign of OrCam's release process, improving R&D productivity and streamlining software deployment to meet dynamic project timelines. Achieving a **40% reduction** in release times.
- **CI/CD:** Designed, built and maintained CI/CD pipelines using GitLab CI and Jenkins.
- **Migration Projects:** Spearheaded migrations from Python 2 to 3 and SVN to Git, increasing stability, security, and developer efficiency.
- **Infrastructure Management:** Managed infrastructure processes and optimized configuration management to ensure high availability, scalability, and reliability of OrCam's systems.
- **System Architecture & Performance Tuning:** Contributed to the design and optimization of software components for seamless hardware-software integration. Conducted profiling and debugging to improve system performance.
- **Software Development & Feature Enhancement:** Developed new features and optimized existing code for OrCam's product line (MyEye, OrCam Read, OrCam Hear) using Python and C++.
- **Version Control & Collaboration:** Worked with Git for version control, collaborated with cross-functional teams, and ensured smooth integration of new features into production.

College Lecturer - JCE　　　　　2019 -2020

Taught "Introduction to React and React Native," guided students from foundational software architecture to development of full-fledged web and mobile apps for real clients. Emphasized UI/UX, maintainability, and security principles.