

Lukasz Moskwa

Senior Software Engineer | Tokyo, Japan | lukaszmoskwa94@gmail.com | lukasz.moskwa.dev

About

Dedicated Senior Software Engineer with a Master's degree in Computer Science and Engineering and several years of documented experience in creating web application. DevOps enthusiast and a self-hosting advocate who previously covered roles as Full-stack engineer.

Experience

CTW Inc

Tokyo, Japan

Senior Software Engineer

Nov '22 - Present

- Designed and executed a scalable service utilizing NestJS to manage gift distribution to game players, effectively handling over 500,000 requests per day.
- Enhanced operations for both marketing and design departments through the creation and upkeep of 3 essential tools, leading to an average 30% increase in overall productivity.
- Developed web-based applications, content management solutions, and data analytics dashboards using React, Vue 3, and NuxtJS, resulting in a 30% increase in user engagement and a 40% improvement in data visualization efficiency.
- Provided mentorship and guidance to a team of 3 junior developers, boosting their proficiency in Frontend development employing Vue3 and NuxtJS.

Telexistence Inc.

Tokyo, Japan

Web Application Engineer

Jun '22 - Nov '22

- Reduced page load time by 3 seconds through the development and execution of a real-time tracking web application utilizing Blazor, C#, and React, featuring multiple graphical components.
- Designed and deployed Google Cloud Functions in TypeScript to efficiently retrieve and process high volumes of data from real-time sensors.
- Optimized build process by implementing custom CI/CD scripts, reducing significantly chance of error and deployment time

Progetto Includi

Milan, Italy

Software Engineer

Dec '19 - Jun '22

- Collaborated on the development of Unity-based mobile and Oculus VR applications aimed at assisting students with language disorders.
- Built a web platform to centralize and manage student data from 17 schools in Gallarate, overseeing the successful integration of over 700 student records.

MainStreaming

Milan, Italy

Software Engineer

Feb '19 - Aug '19

- Improved website performance by constructing a company website using PHP and AngularJS, leading to a 40% decrease in loading time.
- Developed and deployed a customized content management system to streamline marketing collaborations.
- Collaborated with cross-functional teams, including marketing, to craft strategic project plans resulting in an increase in software development efficiency.

Education

Politecnico di Milano Master of Science (MS) Computer Science and Engineering	Jun '20
Politecnico di Milano Bachelor of Science (BS) Computer Science and Engineering	Apr '17
Intercultural Institute of Japan Other Japanese Language	
AWS Other AWS Certified Solution Architect Associate	Jul '21
AWS Other AWS Certified Developer Associate	Jun '21

Projects

GraphShard graphshard.com/ Effortless System Design Visualization - User-friendly tool for visualizing system designs effortlessly. Simplify complex concepts with clear and dynamic graph representations. - Successfully conceived, built, and launched GraphShard, a system design visualization tool, fulfilling project specifications within a 2-week deadline.	Jan '24
QueryForge queryforge.featuredeploy.dev/ Interactive Playground to Learn and Master SQL Get started Realized and launched QueryForge, an interactive SQL learning platform, while documenting the entire process on Instagram	Mar '24
Docknat github.com/lukaszmoskwa/docknat/ Go utility to update NAT table in iptables based on Docker container interface changes. Docknat is a Go utility that automatically updates the NAT table in iptables whenever there are changes to Docker container interfaces.	
Pitchi pitchi.featuredeploy.dev/ Master the Japanese Pitch Accent Developed and launched Pitchi, an iOS application enabling users to accurately pronounce Japanese words by mastering the pitch accent.	Aug '22
NsgenIO nsgen.io/ The code generator that takes care of the implementation, while you focus on ideas. Reduced time to create functional backend application by over 60% by creating common file structures in code generation SaaS platform.	Jan '20

Skills

AWS · Code Review · Consul · CSS · DevOps · Docker · Nest.js · Node.js · Nomad · Nuxt.js · Postgres · Python · React · RESTful APIs · SQL · Tailwind CSS · Terraform · Vue.js