YANN LECOSTAOUËC

Software Engineering Expert

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J 719-406-7378

Nashua, NH

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in ylecost

ylecost

EXPERIENCE

Owner & Principal Software Consultant Strong Rib Solutions LLC

Mar. 2022 - Present

Nashua, NH

- Built reporting, billing, and Docusign enhancements to Ruby on Rails web app for Advanced PICC Specialists, a health care company
- Performed PHP, CSS, and HTML updates with tight deadlines to highvolume Wordpress site for Envoy, a logistics software startup

Chief Product Owner

Maxar Technologies

Sept. 2021 - Jan. 2022

- Westminster, CO
- Owned and drove execution of large multi-team backlog and supervised product roadmap creation for optical satellite ground system
- Formed and motivated working group to improve monitoring by creating analytics dashboards in AWS and ELK

Senior Product Owner & Senior Systems Engineer Maxar Technologies

- Dec. 2015 Sept. 2021
- Westminster, CO
- Collected market research and collaborated with development teams to deliver superior cloud identification UI
- Persuaded management of my vision to rewrite a complex workflow into AWS, decreasing costs and increasing performance and scalability
- Managed smooth integration of high-value machine learning algorithms for automated cloud and haze cover detection
- Innovated and presented high-impact architecture to lower processing latency and increase image accuracy in ingest phase
- Designed APIs, entity and sequence diagrams for micro-services

Senior Software Engineer, Team Lead & Scrum Master MDA Information Systems

- Mar. 2013 Dec. 2015
- Longmont, CO
- Developed time-saving automated image QA system in Java and Javascript
- Wrote Python backend process monitor
- Created Oracle SQL reporting tool for European Space Agency

Software Engineer, Technical Lead & Software Architect Ricoh Production Print Solutions

- **Hamilton** July 2009 Mar. 2013
- Boulder, CO
- Provided stellar technical leadership and strategic vision for high-speed printer image processing system written in C
- Optimized algorithm for image rotation, scaling, clipping, and half-toning
- Parallelized color interpolation on a GPU with OpenCL

CERTIFICATIONS

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Scaled Agile Framework (SAFe) Agilist Scaled Agile, Inc.



Certified AWS Solutions Architect Amazon Web Services



Certified Product Owner (CSPO)Scrum Alliance



Certified Scrum Master (CSM)

Scrum Alliance

AWARDS



Distinguished Toastmaster AwardToastmasters International



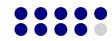
Patent # 8964192 (Print verification database mechanism)
U.S. Patent and Trademark Office

SKILLS

C/C++ Java/Spring Python **AWS** Ruby/Rails SQL/NoSQL Javascript/Typescript NodeJS ReactJS **ExpressJS** PHP HTML/CSS Rally Jira TDD/BDD Leadership Communication

LANGUAGES

English French



EDUCATION

M.S. in Math and Computer Sciences Colorado School of Mines

2007 - 2009

Golden, CO

B.A. in Liberal Studies

Magdalen College

2002 - 2006

Warner, NH