

YANN LECOSTAOUËC

Software Engineering Expert

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Nashua, NH

strongrib.com

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 high-volume 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

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



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 Award
Toastmasters International



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

SKILLS

C/C++

Java/Spring

Python

Ruby/Rails

SQL/NOSQL

AWS

Javascript/Typescript

ReactJS

NodeJS

ExpressJS

PHP

HTML/CSS

Git

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