YANN LECOSTAOUËC

Software Engineering Expert

@ yann@strongrib.com   ☎ 719-406-7378   📍 Nashua, NH   🌐 strongrib.com   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 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

Java/Spring   C/C++   Python   Ruby/Rails
SQL   AWS   Javascript/Typescript
ReactJS   NodeJS   ExpressJS   NestJS
MongoDB   PHP   HTML/CSS   Git
Rally   Jira

Leadership   Communication   TDD/BDD

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