

# JEFFREY REINECKE

Senior Software Engineer  
Development Team Lead  
Physicist

e. jeff@paploo.net  
w. www.paploo.net

## Fluent Technologies

Ruby  
Ruby on Rails  
Javascript  
jQuery  
Obj-C / Cocoa  
C  
PostgreSQL  
Mongo  
Git  
Subversion  
CSS  
JSON  
XML  
HL7 v2  
Mathematica  
Mac OS X  
Linux (Ubuntu, RHEL)  
Engine Yard and Amazon Hosting

## Proficient Technologies

Erlang  
Sinatra  
C++  
Java  
Lua / LuaState  
Perl  
PHP  
OpenGL  
Scheme LISP

## Skills Profile

I am an individual with a strong passion for acquiring knowledge; I have directed this passion towards the fields of software engineering, physics, and mathematics. My extensive study of these fields has led to my field proven track record as a fast, independent learner with strong critical thinking skills. Additionally, I have successfully managed teams of resources through challenging problems, such as ONC certification of medical software. I come with ten years of work experience in technical and leadership positions.

## Experience

### Senior Software Engineer, Team Lead

- Redpine Healthcare Technologies, Inc.** Spokane, WA 2006-2011
- Designed and implemented a significant portion of two major enterprise healthcare applications built on Ruby on Rails, Ramaze, Sequel, Poro, PostgreSQL, and Mongo.
  - Responsible for all phases of assigned modules, from planning and design through testing and delivery.
  - Was charged with managing teams of developers through all phases of planning and development of modules.
  - Managed the team of developers who successfully achieved the major software additions necessary for ONC certification of Meaningful Use.

### Pre-Press Supervisor, Project Manager

- AmericaPrint, Inc.** Santa Rosa, CA 2004-2005
- Responsible for managing custom orders from pre-production, through the both pre-production and production phases.
  - Supervised and trained pre-press staff.
  - In charge of customer service, including final decision making authority in the majority of situations requiring judgement calls.

### Software Engineer

- JDS Uniphase, Inc.** Santa Rosa, CA 1999, 2003
- Designed and implemented the calculation engine and optical monitor run-sheet utility for an in-house thin film optical coating engineering application written in Java.
  - Knowledge of theoretical physics, computational methods, data structure design, interface design, 2D drawing routines, and large project maintenance strategies were all necessary for completion of assigned modules.

### Faculty Lecturer, Temporary

- Sonoma State University** Rohnert Park, CA 2002
- Contracted to teach a semester long upper-division laboratory physics class.
  - Improved the existing laboratory curriculum, including the addition of new experiments using experience as a teaching assistant at UC Santa Barbara

### Teaching Assistant

- University of California, Santa Barbara** Santa Barbara, CA 2000-2001
- Responsible for teaching lab classes and leading discussion sections for several physics and astronomy classes of varying difficulties.
  - One of the first two undergraduates in UCSB history to become Physics Department Teaching Assistants.

## Education

College of Creative Studies, UC Santa Barbara — B.S., Physics, 2001

## Referrals

Shad Wheeler, President, Redpine Healthcare  
p. 509.927.0070, e. [shad.wheeler@redpineservices.com](mailto:shad.wheeler@redpineservices.com)

Richard Nugen, Former CTO, Redpine Healthcare; CTO, Corporate Media  
p. 360.694.1555, e. [richard@corporatemediamedia.com](mailto:richard@corporatemediamedia.com)