

Summary I am a veteran engineering and technical project manager with broad experience in software and web development, integrations, infrastructure, and media production. I have exceptional organizational and communication skills, business experience and hands-on development skills that enable me to effectively manage projects and operations among engineers, business stakeholders, vendors and clients.

Core Competencies

- Technical project management — Software development using agile methodologies. Certified Scrum Master.
- Full-stack open-source web development — LAMP, PHP7, Laravel, web and mobile UI, Bootstrap, SQL and no-SQL database development
- Training — Developed and delivered training programs and seminars ranging from one hour to four days; Scrum training for engineering and QA teams

Experience 8/2008 – present

Code Rica International, S.A. / Nuevo Arenal, Guanacaste, Costa Rica

Code Rica Media, Inc. / Miami, Florida

- **Framework Architect**
 - Developed the Ophis rapid application development framework (2001-2019)
- **Project Manager / Media Producer**
 - **Documentary feature film *The Venom Interviews — The Work and Science of Venomous Herpetology* (2016)** — End-to-end production: planning and pre-production, videography, post-production, audio and video editing, release and marketing
 - **Video training series *Snakebite and Treatment in Sub-Saharan Africa* (2018-2019)** — End-to-end production: planning and pre-production, videography, post-production, audio and video editing
- **Senior Software Architect/Engineer**
 - Developed LFillumination.com — searchable product catalog for commercial lighting manufacturer, with complete back-office administration system.
 - Designed and implemented a real-time search-enhancement system to parse natural-language queries and match them to advertising inventories.
 - Managed distributed team of engineers developing industry-leading forum software.

- Designed and developed lead-generation and lead-delivery system; integrated with client lead-management systems.
- Designed and developed scriptable web crawler for collecting and aggregating web-based data and producing data feeds.
- Implemented database, mid-tier and UI of large online catalog for construction materials manufacturer; ported data from legacy model to new model.

11/2003 – 7/2008

Experian Interactive Media

2401 Colorado Avenue, Santa Monica, California 90404

- **Director, Project Management Office**

- Managed and mentored a team of five technical project managers.
- Directly managed multiple large software and infrastructure projects, including business-critical websites (LowerMyBills.com, ClassesUSA.com) with revenue of 500k–\$1M per day; datacenter migrations; major Oracle, MS-SQL and MySQL upgrades; website rearchitecture initiatives; data warehouse rearchitecture; Teradata; Scorex; Informatica; Microstrategy; A/B and multivariate testing (Optimost and internal applications); internal client-management tools and marketing systems (.NET, Java).
- Successfully rolled out agile software development methodology (Scrum), which increased quality while reducing cost and project duration by 60-75%.
- Managed process engineering and analysis of PMO performance metrics.

2/2002 – 11/2003

Storactive, Inc.

4551 Glencoe Avenue, Marina del Rey, California 90292

Storactive develops next-generation enterprise backup/recovery software for continuous, zero-loss data protection.

- **Senior Product Manager**

- Lead the development and launch of *LiveServ*, a continuous backup and disaster-recovery system for Microsoft Exchange, SQL and file servers.
- Performed all market research, developed product requirements, conducted focus groups, managed press communications and design of marketing materials.

1/2001 – 2/2002**Fasturn, Inc.**

2029 Century Park East, Suite 1401, Los Angeles, California 90067

Fasturn developed a Global Operations Network used by manufacturers to manage distributed manufacturing and sourcing.

- **Senior Java Engineer/Team Lead** – Managed a team of senior developers to design and completely overhaul the company's core 200-screen web-based process-management software; prototyped next-generation application; designed and built a metadata-based code-generation tool that reduced development time by 70% while increasing code quality in the data, application and interface tiers.
- **Senior Technical Project Manager** – Managed multiple parallel development cycles; handled all resource allocation for projects across four engineering teams; designed and produced customer-facing installation and user documentation; designed and conducted training for clients in the US, Asia and Europe.

10/1999 – 1/2001**Interactive Video Technologies**

10940 Wilshire Blvd., Los Angeles, California 90024

- **Senior Project Manager** – Lead all project activities from inception to delivery on multiple concurrent projects with budgets of \$250k–\$5M; developed and implemented earned-value project management processes; created company- and client-friendly change control processes; performed or directly managed all aspects of requirements development, analysis, design, development, quality assurance, deployment and maintenance.
- **Product Manager / Director, Data Analytics** – Designed and managed implementation of advanced web analytics products and services. Managed market validation, competitive analysis, intellectual property documentation, pricing, marketing materials and sales training.
- **Lead Engineer** – Designed and built a multi-user system to track all aspects of project development: Requirements and use-case development, tasks, change orders, deliverables, documents, bugs, issues, threaded discussions and decisions, etc. Architected and implemented web and streaming media log analysis software.

4/1999–8/1999 (contract)**Teleflora Inc.**

11444 Olympic Blvd., Los Angeles, California 90064

- **Project Manager / Database Developer** – Oversaw development of *Floral Selection Guide*, a Visual Basic database application for dealers to track material costs and retail pricing. Compiled and normalized data from 700 flat files into a relational database; designed data model and interface; managed QA and release.

1/1988 – 2/1999**Floorcovering Forensics Company**

15559 Aspen Court, Chino Hills, California 91709

- **Software Engineer / Project Manager** – Designed and developed database applications in Perl, C++ and PHP for case management, lead and client tracking, asset management and accounting. Developed a suite of applications for technical report writing, a branching-logic system for dynamically generating custom reports based on user-supplied data.

Education

2008	Certified Scrum Master
2007	Project Management with Scrum
2005	PMI/PMP Exam Prep
2001	UCLA Extension – OO Design, Java Programming
1986-1988	Mt. San Antonio College, Walnut, California Computer Science, Business Management