

JEAN-PAUL CASAUBON

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SENIOR ENGINEERING LEADER

Software Development | Delivery | Program Management | Operations

Highly accomplished, senior engineering management professional with over two-decades experience envisioning, designing, building, implementing and operating small and large-scale systems across varying architecture, hardware and software platforms. Skilled at achieving key organizational goals and objectives, solving difficult problems and driving engineering teams to a highly efficient and effective delivery process. Particularly adept at attracting top talent, building high-performing teams and delivering key strategic, technical and business objectives.

AREAS OF EXPERTISE

- Technology & Personnel Assessment
- Software & Database Development
- Continuous Integration & Delivery
- Integration & Test Automation
- Project & Program Management
- SAFe, Agile, Scrum & Waterfall
- Business Process Improvement
- Product Delivery
- Enterprise Architecture
- Systems Architecture
- Technical Architecture
- Service Oriented Architecture

PROFESSIONAL EXPERIENCE

FOUNDER / SENIOR CONSULTANT

2015 - Present

DEMAND1, LLC., Denver, CO

- Dish Network / OnTech Smart Services: Completed staffing team responsible for Shopify and back end of OnTech's eCommerce site. Delivered a handful of new, high-priority features for the client.
- Dearborn National Life: Led team through crisis situation overseeing assessment of countless system issues, then implemented monthly software updates to clean up underlying data issues and putting systems back into balance.
- CoreLogic: Successfully led cloud (PCF, GCP, AWS and Azure) transformation project of Java, PHP and .Net applications.
- Hilton Corporation: Led architecture and implementation of a data lake / big data, data visualization solution on Hortonworks and Hadoop running on AWS, with MicroStrategy and Tableau producing management dashboards. Identified risks and gaps in the architecture, delivery team structure and data flows, then refined the staffing model, implemented tools supporting data governance and data quality, to meet the company's delivery, performance and implementation objectives.
- SlingTV: Served as manager of software development at Sling TV, leading 50 engineering resources that build and maintain Sling's SaaS web portals, account management, billing, reporting, databases, source code, architecture and infrastructure, all of which runs on Amazon Web Services cloud platform.
 - Led planning, architecture and design sessions to level-set expectations regarding timelines, deliverables and ensure development tracked to the product development roadmap.
 - Ensured code and architectural standards were well-defined and being complied with by the engineering staff.
 - Improved delivery velocity and the quality of software, moving the company to highly-automated continuous build, integration and test model. Modernized software configuration, integration, testing and deployment.
- Comcast: Assessed state of Comcast's Dynamic Ad Insertion solution and shepherded changes in the design and implementation to better meet the needs of the company.

SENIOR DIRECTOR - SOFTWARE DEVELOPMENT AND ARCHITECTURE

2013 - 2015

Charter Communications, Denver, CO

- Led MyAccount portal delivery and deployment allowing 4MM subscribers to successfully manage their accounts online from any device. Services included service configuration, management and bill pay.
- Headed up the re-engineering of Charter's online email portal, providing email service via browser and mobile devices to 4MM subscribers.
- Supported a larger effort which included the delivery of more advanced service including program guide, VOD and linear streaming video.

VP, ENGINEERING

2010 - 2012

Canoe Ventures, Denver, CO

- Assembled and developed a high performing team comprised of software engineers, system architects, business and systems analysts, project managers, DevOps engineers and tech writers. Formed the Dev, DevOps and PMO teams.
- Implemented continuous build, integration and deployment while overseeing the integration of tools, frameworks and platforms and instituted SDLC processes, policies and procedures enterprise wide.
- Led a team tasked with developing the company's enterprise architecture, coordinating delivery of system components in a phased delivery approach from development through to successful implementation.
 - Delivered two of the largest, most significant programs in company history, creating dynamic ad insertion for video on demand (DAI/VOD) and refactoring operational and billing support systems (OSS/BSS).

Professional Experience Continued

- Spearheaded the successful migration from Waterfall to Agile/Scrum and Test-Driven Development (TDD) to improve and accelerate the software development lifecycle (SDLC) and improve quality while shortening the time to market by more than half.
- Handpicked to assume leadership of a project that was behind schedule. Led implementation of all project phases, returning the project status to on-time and on-budget and subsequently meeting all milestones.
- Delivered thousands of discrete business requirements to deliver and deploy DAI system on AWS. That system now processes 25B transactions in real-time annually.
- Provided technical leadership of SDLC, architecture and implemented solutions delivered by the team.

SENIOR BUSINESS ACCOUNT MANAGER

2009 - 2010

ECHOSTAR, Denver, CO

- Launched Dish Network, Taiwan, leading OSS / BSS vendor selection and implementation, call center selection and operational preparedness for the local team in Taipei. Evaluated, selected and in three-month period, implemented a multi-currency and multilingual BSS/OSS system ahead of scheduled business launch.
- Led 50-person team working on App Store project. Managed requirements and engineering efforts of an offshore team of developers in Ukraine. Moved project from concept to release in under six months.

FOUNDER / SENIOR CONSULTANT

1997 - 2009

DEMAND1, Denver, CO

- Led several dozen software development projects with recognizable clients including Comcast, Time Warner, AT&T, NBC Universal, Charter, Nokia Siemens, ViaSat, Hilton, U.S. Cellular and Sling TV. Executive team senior member responsible for vision, strategy, implementation plans, corporate values, inspiring teams and clients, technical and business decisions and coordination of all aspects of every project, as well as delivering all solutions.
- Successfully recruited and managed project teams, including project managers, developers, analysts, support and operations personnel and technical writer as needed to meet client requirements.
- Implemented a HD video playback solution, customer video player and content distribution solutions.
- Comcast Cable Communications:
 - Delivered both pre- and post-development support for a high-definition multi-stream, digital video player serving Comcast's multi-dwelling unit (MDU) / hospitality industry clients.
 - Provided comprehensive engineering services for TiVo client application integration for Motorola set-top boxes.
 - Produced and documented highly effective engineering processes, procedures and standard, providing in-house support personnel training that drove increases in individual and team performance.
 - Produced a variety of technical and non-technical documentation including specifications, business and technical requirements, architecture diagrams, UI layout, flow, models and various other design artifacts.
- AT&T Broadband:
 - Designed and implemented consumer-facing web portal for the purchase and provisioning of telephony products and services. Portal integrated to AT&T's back-end systems to automate configuration, provisioning and maintenance.
- Myrio Corporation (Nokia Siemens Network):
 - Directed multiple teams of on and offshore developers to successfully implement dozens of product features for IP Streaming Video set-top client software, middleware and management systems.
 - Managed and led the day-to-day projects and programs for Myrio's Professional Services group.
 - Evaluated APIs, integration points and impact on existing applications in multiple code branches.
- WildBlue Communications:
 - Assessed and refactored WildBlue Communication's CRM and order management systems in a manner that produced millions of dollars in annual savings.
 - Increased the daily order volume by 2,000% and eliminated errors, manual processes and follow-up work.

EDUCATION & CERTIFICATIONS

Bachelor of Science, Computer Information Systems - Regis University, Denver, CO

Minor: Business with an Emphasis in International Business

Graduated Cum Laude

Certified SAFe® 4 Program Consultant (SPC) - 6/2019**Certified SAFe® 4 Scrum Master (SSM)** - 2/2019

PROFESSIONAL PATENTS

Holder of Multi-Patents: 7,739,707 Parental Controls using Viewing Limits and 7,464,392 VOD Viewing Limit Controls