

Philip H. Schlesinger

Enterprise / Software / Solution Architect

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Experience

Cryoport Systems, Inc.

May 2017 - March 2025

Solution Architect & Product Manager

Irvine, CA

\$237M Worldwide Life Sciences Supply Chain Management of Mission-Critical Bio-Logistics, Bio-Storage, Bio-Processing, & Cryogenic Systems (2022 Revenue)

- **Managed Development:** \$5M+ next-generation platform / 400k+ lines-of-code
- **Cost Savings:** 25-30% reduction of review and audit of sales order freight cost to freight carrier invoice with SQL, reports, & integrations
- **Tool Design & Build:** (a) ETL (Python): 4.4K+ requirements in Word → Jama Software ALM; (b) Self-Service Reporting (PHP, SQL); (c) Device Management (Java, REST)
- **Author:** (a) ISPE GAMP-based SDLC; (b) Software System Access Controls; (c) 600+ requirements & related risk analyses
- **Technical SME:** (a) M&A; (b) Patent applications

Vyair Medical, Inc. (Now Zoll Medical)

June 2014 - January 2017

Principal Engineer

Yorba Linda, CA

\$800M Critical-Care Ventilation Equipment Manufacturer (2016 Valuation)

- **Tool Design & Build:** (a) JIRA customization: cross-team bug tracking system (Groovy, jQuery, REST); (b) ETL (jQuery): Rational DOORS requirements → relevant JIRA issues
- **Author:** Quality system compliance updates for IEC 62304, IEC 60601, and IEC 62366 revisions

PICS Auditing, LLC (now Avetta)

October 2012 - June 2014

Scrum Master & Software Development Manager

Irvine, CA

Supply Chain Risk Management Provider for Large Corporations

- **Financial Risk Reduction:** Transitioned accounting system from non-GAAP QuickBooks to GAAP-compliant SAP Business One.
- **eCommerce/Accounting Integration Conversion:** QuickBooks (Java, SOAP) → SAP Business One (Scala, REST).
- **Increased Transparency & Predictability:** (a) Transition Kanban → Scrum; (b) Transition JIRA → Rally.
- **Managed 15 web software engineers.**

Experience, Continued	Armor Games, LLC	March 2011 - June 2012
	Senior Web Developer	Irvine, CA
	<i>"Top-1000" Ranked High-Traffic Online Gaming Platform (Alexa Internet, 2010 & 2011)</i>	
	<ul style="list-style-type: none"> • Feature Design & Build (Zend, PHP, jQuery, CSS, Ruby): (a) User favorites; (b) Play counts; (c) High scores; (d) Profile Update; (e) Internationalization; (f) AdSense; (g) Screenshot / video-picker; (h) Forum spam-filtering; (i) Avatars; (j) Game submission. • DevOps / SRE: (a) Amazon AWS; (b) HAProxy; (c) Varnish; (d) Nginx; (e) Apache; (f) Gearman; (g) PostgreSQL; (h) MySQL; (i) Cassandra; (j) CouchDB; (k) Scout; (l) Nagios; (m) EdgeCast CDN. 	
	MTCSC, Inc. - US Marine Corps Contract	July 2010 - February 2011
	Senior Software Engineer JINTACCS	Camp Pendleton, CA
	Opensoft Development, Inc.	April 2007 - May 2010
	PHP / Java Developer / Project Lead	Irvine, CA
Patents, Projects, and Publications	Patent Inventor	March 2023
	US Patent & Trademark Office	
	"Prediction of Dewar Failure": US 2023/0082374 A1	
	Open Source Projects	October 2022 - Present
	<ul style="list-style-type: none"> • Member, Technical Steering Committee: AsyncAPI Initiative • Repository Maintainer: AsyncAPI JetBrains IDE Plugin • Code Contributor: (a) AsyncAPI GitHub Action; (b) Reactive Resume • Author, Cybersecurity Guidelines: <ul style="list-style-type: none"> • OWASP Authentication Cheat Sheet: "Changing Registered Email Address" • OWASP Controls In-Depth Guides: "Changing A User's Registered Email Address" 	
Education	University of California, Irvine	Bachelors & Masters of Science
	Information and Computer Sciences	
	Pace University	Bachelors of Business Administration
	Management Information Systems	
Certifications	TOGAF® 9 Certified	December 2023
	The Open Group	
	AWS Certified Solution Architect - Associate	Expected 2025Q2
	Amazon Web Services	