



STEVE FARBOTA

Integration Architect &
Senior Software Engineer

📍 Los Angeles, California

📞 (847) 665-9302

✉️ sfarbota@gmail.com

🌐 linkedin.com/in/sfarbota

🐙 github.com/sfarbota

Skills

Integration Concepts



REST APIs ★★★★★	GraphQL ★★★★☆	Pub/Sub ★★★★☆
Message Queues ★★★★☆	gRPC ★★★★☆	Micro-services ★★★★★

Integration Platforms



Boomi ★★★★★	MuleSoft ★★★☆☆	Google Cloud ★★★☆☆
AWS ★★★★☆	Azure ★★★★☆	

Backend



C# ★★★★★	Java ★★★★☆	Node.js ★★★★☆
Python ★★★★☆	Go ★★★★☆	PHP ★★★★☆

Frontend



JavaScript ★★★★★	.NET ★★★★★	CSS ★★★★★
React ★★★★☆	Flutter ★★★★☆	Angular ★★★★☆

Database



SQL Server ★★★★★	MySQL ★★★★☆	NoSQL ★★★★☆
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Scripting



PowerShell ★★★★★	Bash ★★★★☆	Groovy ★★★☆☆
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Work Experience

Apr 2023 - Present

Lead Integration Engineer

Koddi

- Design and advise on technical integrations
- Lead customer-facing integration projects

Jun 2021 - Mar 2023

Integration Architect

Antylia Scientific

- Co-managed IT web team for \$1B company with 1 other team lead
 - Lead ecommerce initiatives contributing to 20+% YOY growth in web order revenue in 2018
 - Managed/mentored/educated 2 direct reports (1 at a time)
 - Assisted VP of IT with executive tasks (CAPEX quantification, contractor and vendor selection)
 - Lead collaboration with software vendors and satellite offices
- Served as go-to company expert for scalable solutions, web services, DevOps, CSS, SQL
- Planned and implemented frontend and backend website improvements, including:
 - Third-party integrations (product reviews, product configurator, credit card authorization)
 - Pagespeed improvement (CSS minification, JS deferral, dynamic image compression)
 - Spam prevention (Google reCAPTCHA v3)
- Tested and launched 4 vendor-produced, cross-platform mobile apps
- Planned and executed key pieces of a full server and web stack migration into AWS/VMware Cloud

Jun 2018 - Jun 2021

Senior Web Engineer & Acting Web Manager

Antylia Scientific

- Co-managed IT web team for \$1B company with 1 other team lead
 - Lead ecommerce initiatives contributing to 20+% YOY growth in web order revenue in 2018
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Apr 2020 - Sep 2020

QA & Test Engineering Consultant

Mammoth Media · Contract

- Built out unit test framework for Yarn iOS app using Swift and XCTest
 - Broke out pieces of a long AppDelegate file into individual, testable methods
 - Wrote tests to verify request and response values for network calls to various services
 - Integrated into team's existing Buck build scripts and Bitrise workflows for a seamless experience
- Architected UI-testing framework for Yarn and Wishbone iOS apps
 - Wrote UI tests using Python and Appium framework
 - Automated test execution by integrating into Bitrise workflows and running on Kobiton mobile testing platform

Aug 2014 - Jun 2018

Web Engineer

Other Syntaxes



RegEx	JSON	XML
★★★★★	★★★★★	★★★★★

Coding Tools



Visual Studio Code	Visual Studio	Eclipse/ IntelliJ IDEA
★★★★★	★★★★★	★★★☆☆

DevOps



Jenkins	Git/GitHub Actions	Docker/ Kubernetes
★★★★★	★★★★☆	★★★★☆

Web Servers



Apache	NGINX	IIS
★★★★★	★★★☆☆	★★★★★

Operating Systems



Windows	Linux	iOS/Android
★★★★★	★★★★★	★★★★☆

Cloud



AWS S3/ Cloudfront	AWS EC2/ ELB	AWS APIs & Lambda
★★★★★	★★★★☆	★★★☆☆
Azure Apps/ SQL Server	Google Cloud	Alibaba Cloud
★★★★☆	★★★☆☆	★★★☆☆

Network Administration



DNS	CDN	Trouble-shooting
★★★★★	★★★★★	★★★★★

Security & Compliance



SSL/TLS	WAF	PCI & GDPR
★★★★★	★★★★★	★★★★☆

Open-Source Projects

- **C# Active Collab 5 SDK:** Full C# port of Active Collab's Java SDK
- **Active Collab/Trac Sync:** Console app to sync Active Collab tasks with Trac tickets
- **Toggl Button for Custom Websites:** Fork of Toggl's Chrome extension, with extra features

Cole-Parmer Instrument Company

- Delivered key pieces and managed successful deployment of \$2M web platform overhaul
- Increased mobile revenue by 100+% (\$30k+/mo) by developing and deploying mobile experience for existing web applications in 3 weeks
- Consistently and quickly solved problems others could not (application latency, scale, logistics)
- Created new sales channel using enterprise barcode scanners and mobile web app for checkout

Sep 2012 -
Aug 2014

DevOps, Testing, & Release Engineer

Thermo Fisher Scientific

- Reduced time required for code releases by 80+
- Covered 90+% of web code with unit and browser-automation tests
- Architected and configured distributed, scalable enterprise web environments, totaling 50+ servers

Jul 2012 -
Aug 2012

Programmer & Efficiency Analyst

American Physician Institute

- Improved efficiency of several common workflows by 50+% by automating with VBA macros

Aug 2011 -
May 2012

Instructor's Assistant

Illinois State University

- Selected as sole teaching assistant to ISU's lead web developer
- Succeeded in graduate-level role as undergraduate
- Overhauled and maintained university websites
- Created 20+ web development tutorial videos

Mar 2011 -
Aug 2011

PHP Programmer

Illinois State University

- Wrote PHP/MySQL/JS applications to facilitate and process psychology surveys for university staff
- Delivered all requirements on time and under budget

Dec 2009 -
Present

Freelance Full-Stack Developer

Independent · Self-employed

- Created personal and small business websites
- Example: Lee Kix Percussions - leekix.com

Education

2008 - 2012

Bachelor of Science in Information Systems, Web Application Development Sequence

Illinois State University

- **Winner of Programming Design Pattern Challenge** - Object-Oriented System Development course
 - Wrote Java code to convert MySQL scripts to Oracle scripts using Transformer pattern
 - Selected by instructor as sole winner among 30+ students
- **Guest Speaker** - Website Development Using ASP.NET course
 - Explained inner-workings of School of Information Technology website to students

Volunteer Experience

Mar 2017 -
Mar 2019

Lead Community Outreach Coordinator

Cole-Parmer Instrument Company

- Lead team of 20+ in planning and promoting quarterly volunteer activities across 5 US locations
- Transitioned team to web-based systems, expanding reach and improving efficiency

- See LinkedIn profile for impact on local communities