

Sammer Sheikh

Senior Technical Product Specialist

San Francisco, CA, United States | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Product-minded builder with 5 years spanning engineering, support, and technical product ownership. Ships operational tools that measurably reduce friction across manufacturing, QA, and support workflows.

EXPERIENCE

Senior Technical Product Specialist

Jul 2024 — Feb 2026

RadiusXR®

Pleasanton, California, United States

Defines and delivers operational products for XR medical devices across manufacturing, QA, support, and leadership workflows. Led product initiatives that cut support calls 80% through automated onboarding, reduced fleet release failure rates from ~30% to under 5% across 4,000 devices, and achieved production provision under 5 minutes. Shipped inventory and quality tracking systems handling 1,000+ unit shipments at 10x prior throughput.

Software Support Engineer

Dec 2022 — Jun 2023

Vagaro

Dublin, California, United States

Automated support workflows with Python, raising weekly ticket resolution capacity by 30%. Diagnosed critical intermittent payment bugs and collaborated with engineering on fixes. Optimized hot-path SQL for appointment scheduling, reducing average query time by 40%. Built automation test suite for proprietary Xpresso language, lowering pre-production bugs by 15%.

Software Engineer

Jul 2019 — Dec 2021

Workday

Pleasanton, California

Built full-stack features including automated supplier-invoice approval workflows (reducing pending-invoice duration 25%, increasing on-time payments) and financial systems work. Designed schemas and optimized queries for Financial Supplier Accounts. Contributed to backend services and database optimization across the platform.

Quality Assurance Trainee

Mar 2019 — Jul 2019

Year Up

San Francisco Bay Area

Year Up is an intensive, competitive technical training and career development program with over 250 corporate partners, graduating thousands of students annually across the nation. The program includes college-level courses, professional training, and a six-month internship

- Completed coursework in Web Development, Database Queries, Professional Skills, and Business Communications
- Specialized training in Quality Assurance including HTML, CSS, JavaScript, Python, and SQL
- White Box and Black Box testing
- Analyzed and reported on Functional Specification Documents and Big Reports
- Created automation scripts using Python on Selenium and Selenium IDE framework

EDUCATION

General Assembly

Feb 2022 — Jun 2022

Computer Science

Completed 12 weeks/500+ hours of intensive Full Stack Development instruction.

- Built client-side applications with responsive behavior using JavaScript, React.
- Developed 4 full-stack web applications in four days sprints independently and collaboratively while practicing Agile methodology. Utilized Git for version control.
- Built RESTful APIs to store data for web-apps using Rails and SQL (PostgreSQL) or Express with MongoDB. Also integrated several third-party APIs.

Year Up

Jan 2019 — Jan 2020

Computer Science

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- Completed coursework in Web Development, Database Queries, Professional Skills, and Business Communications
- Specialized training in Quality Assurance including HTML, CSS, JavaScript, Python, and SQL

University of California, Merced

Jan 2016 — Jan 2018

Computer Science

Completed first two years of coursework for general education and computer science

Western Governors University

B.S. Business, IT Management

PROJECTS

On-device speech-to-text with local privacy focus, Murmur

Built local-first STT for Watch and iPhone with LAN and Multipeer fallback sync to Mac. Uses Neural Engine Parakeet for on-device processing with CloudKit sync fallback. Privacy-first approach eliminates cloud STT dependency. Written in SwiftUI and TCA.

Article-to-audio conversion with AI summarization, SoundBite

Flask and Gunicorn API on Render with Postgres backend. Generates MP3 with word-timestamp JSON via boto3 to AWS S3. Async worker handles LLM summarization and TTS. iOS share extension for easy article capture and playback.

AI-powered iOS workout app with privacy-first sync, Dumbell

iOS workout app with AI analysis and builder via Cloudflare Worker edge proxy to keep API keys off-device with KV usage caps. Uses SwiftData and private CloudKit sync for data persistence. Integrated StoreKit 2 for in-app purchases and HealthKit for health data.

CERTIFICATIONS

Software Engineering Immersive , General Assembly	May 2022
Programming Foundations: Object-Oriented Design , LinkedIn	Jan 2020
Learning LinkedIn , LinkedIn	Oct 2019
CSS Essential Training 1 , LinkedIn	Sep 2019
Elevator Pitch Competition , Year Up	Jun 2019
HTML Essential Training , LinkedIn	Jun 2019

SKILLS

AI Automation · Quality Management · IT Management · Customer Relationship Management (CRM) · Product Management · BRDs · Presales · Business Requirements · Production Deployment · Linux System Administration · Data Analysis · PostgreSQL · React.js · Public Speaking · Python (Programming Language) · SQL · Test Automation · Computer Science · Software Development · Scrum · Software Development Life Cycle (SDLC) · Agile Methodologies · Testing · Usability · Front-end Development · Object-Oriented Programming (OOP) · Programming · Microsoft PowerPoint · JavaScript · Cascading Style Sheets (CSS) · HTML · Microsoft Excel · Microsoft Office · Selenium · JIRA · HTML5 · Swift (Programming Language) · Xcode · Customer Service · Web Standards · Black Box Testing · Selenium WebDriver · LinkedIn · jQuery · MongoDB · Mongoose · Node.js · Express.js · Web Services API · API Development · Problem Discovery · MVP Scope · Prioritization · Rollout Management · Change Management · Success Metrics · Medical Device Operations · FDA Compliance · MDSAP · Fleet Management · Salesforce · Mixpanel · SwiftUI · TCA · Full Stack Development · Workflow Automation · Analytics · Cross-functional Delivery · Stakeholder Management · Manufacturing Operations · QA Processes · Logistics · RMA · Digital History Records · MDM · CloudKit · AWS · AI/LLM Features