Patrick Moran

Greater Philadelphia, PA ● hello@paktric.com ● linkedin.com/in/paktric ● paktric.com

I'm a Technical Product Manager who started in software QA, moved into development, and now plan and run SDK and terminal releases. Years in medical device quality control and retail taught me to balance strict technical specs with what users actually need, and I keep projects on track by getting teams on the same page.

Experience

Datacap Systems, Inc. Aug 2023 – Current

Technical Product Manager Sept 2026 – Current

- Analyzed two years of release history and launched a release train with semantic versioning, ending release-date drift and bringing release notes to same-day
- Own releases for Android and iOS payment SDKs and an Android terminal app on 17 terminal models, from certification through production
- Ran a hotfix release that resolved critical transaction defects for enterprise customers
- Turned an industry compliance mandate into a prioritized Jira plan, finding gaps across integrations and assigning each to an owner before the deadline

Software Engineer Sept 2025 – Sept 2026

- Led support for a new terminal model end to end, coordinating changes across the SDK, terminal app, and device-management platform
- Built a tool that cut app signing from 25 minutes to 2, saving ~330 hours a year and moving ~500 requests a year from engineering to support
- Added validation to the signing tool that caught a vendor's incorrectly signed apps before they reached customers, saving days of failed installs, support tickets, and re-signing each time
- Developed cross-platform C++ libraries and Android and iOS test apps, shipping four SDK releases and several terminal app releases

Software QA Engineer Aug 2023 – Sept 2025

- Owned 30+ release test cycles through final sign-off, with authority to block any release
- Validated OS and firmware updates on 10+ terminal models and a new five-model hardware line
- Rebuilt the team's security testing standard and set recurring security tests for every product
- Automated manual testing with Selenium, cutting testing time by 90% on a core product

Earlier Experience

Production Quality Controller, Acero Precision 2021 – 2022
QA Roving Inspector, Acero Precision 2015 – 2017
Hardware Sales Associate, Wilson's Hardware and Locksmiths 2008 – 2015

Education

West Chester University of Pennsylvania Dec 2022
Bachelor of Science in Computer Science, summa cum laude GPA: 3.85/4.00

Skills

Product & Delivery: Roadmapping, release management, backlog prioritization, user stories, risk and vendor management, Jira administration, UAT, root cause analysis, Lean, ISO 9001 / ISO 13485

Languages / Platforms: Java, Python, C, C++, Kotlin, Swift, SQL · Android, iOS, Linux, Windows, macOS, web apps

Tools: Claude Code, Git/GitHub, Microsoft Azure, Swagger, Postman, Selenium, Figma, Lucidchart (wireframes, mockups, flow diagrams)

Interests: Vintage computing, embedded programming, mechatronics, manufacturing