



Payam Dehkordy

Staff Software Engineer (QA Automation & Full-Stack Development)

Location: Yerevan, Armenia | Open to remote opportunities worldwide (US/Canada overlap preferred)

LinkedIn: [linkedin.com/in/payam-dehkordy](https://www.linkedin.com/in/payam-dehkordy)

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PROFESSIONAL SUMMARY

Staff-level QA Automation and Full-Stack Engineer with 9+ years of experience delivering reliable software for startups and enterprise teams. Expertise in test automation strategy, CI/CD quality gates, and scalable web delivery across cross-functional environments, including mission-critical EDA quality and validation workflows at Synopsys. Professional experience in AI chat integration, task-focused AI agent development, and reusable skill-file workflows that reduce manual effort, accelerate delivery, and improve engineering quality.

CORE SKILLS

QA & QUALITY ENGINEERING

- Test Strategy, Test Planning, Risk-Based Testing
- Test Automation, API/UI Automation, End-to-End Regression
- CI/CD Pipeline Quality Gates, Release Readiness, Defect Lifecycle
- TDD, BDD, Test Framework Design, Performance/Reliability Testing
- Cross-Platform Validation, Compatibility Testing (EDA Workflows)

AI & DELIVERY TOOLING

- AI Chat Integration, AI Agent Development, Agentic Workflows
- Skill File Engineering, Prompt Engineering, LLM Workflow Automation
- GitHub Actions, Jenkins, GitHub, GitLab, Postman, Jira

DEVELOPMENT & ARCHITECTURE

- Full-Stack Development, REST APIs, SQL, Server-Side Rendering
- Native Stack Migration, Modular PHP Architecture, Responsive UI
- Technical SEO, Structured Data (JSON-LD), Canonical/Sitemap/Robots
- SDLC/STLC Collaboration, Quality Governance, Technical Leadership

LANGUAGES & FRAMEWORKS

- Python, JavaScript, PHP, C#, Java, Bash, Perl, TCL, SQL
- .NET, Selenium, NUnit, SpecFlow, Flask, Flutter, Linux Shell

PROFESSIONAL EXPERIENCE

Synopsys

2023 - Present | Yerevan, Armenia

Staff Software QA Automation Engineer | 2026 - Present

- Own QA strategy and technical quality direction at Synopsys, a global leader in EDA software.
- Drive scalable test architecture, framework modernization, and release quality standards for mission-critical EDA releases.
- Implement AI chat and AI agent workflows to accelerate day-to-day engineering operations and execution speed.
- Mentor engineers and improve QA culture, quality visibility, and execution consistency.

Senior Software QA Automation Engineer | 2023 - 2026

- Built automation frameworks and regression systems across multiple 2023-2026 EDA release cycles.
- Validated Linux-based toolchains and improved test reliability across multiple execution environments.
- Used Perforce, Jira, and 4 scripting languages (Bash/TCL/Perl/Python) for quality automation.

EPAM

2022 - 2023 | Yerevan, Armenia

Manual & .NET Automation QA Engineer | 2022 - 2023

- Delivered .NET automation using 3 core frameworks: Selenium, NUnit, and SpecFlow.
- Performed API/UI testing and integrated quality pipelines with 2 CI platforms: GitHub Actions and Jenkins.
- Applied TDD/BDD practices in agile teams for stable release cycles.

Software QA Engineer & Mobile App Tester | 2017 - 2022

- Executed white-box/black-box testing for mobile and web products across a 5-year freelance period (2017-2022).
- Delivered UI/UX testing and design support using 2 design tools: Figma and Adobe XD.
- Worked with Flutter, Android tooling, APIs, and e-commerce delivery needs.

KEY PROJECTS

- **Synopsys - EDA QA Automation:** Built cross-platform regression and validation frameworks for mission-critical EDA flows, improving release confidence and quality stability at enterprise scale.
- **Synopsys - Layout Portal & OASIS Portal:** Developed internal automation and validation platforms that improved quality visibility, defect analysis speed, and reusable QA infrastructure.
- **Sahakyan Law Office Redesign & Redevelopment:** Led WordPress-to-native migration with modular PHP architecture, stronger technical SEO, and improved performance/maintainability.
- **AI Chat & Agent Integration System:** Implemented task-focused AI agents and skill-file workflows to reduce manual effort and accelerate engineering delivery.

Portfolio: <https://www.payam-dehkordy.com>

EDUCATION & TRAINING

- **Bachelor of Electronic Engineering** - Shahrekord University (2007 - 2014)
- **Software Testing Automation** - EPAM Training Center (2022)
- **Introduction to Java** - Armenian Code Academy (2022)
- **Applied AI Courses** - Synopsys Internal Training (multiple courses)

LANGUAGES

Persian (Native), English (A1 Basic), Armenian (B1 Intermediate)

References and detailed project case studies are available on request.