

ARTHUR SENKO

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SUMMARY

- Proven ability to integrate AI testing and modern automation into QA processes.
- Built and led QA teams from the ground up in both startup and enterprise settings.
- Proven ability to overcome complex technical and organizational challenges with scalable solutions.
- Committed to continuous self-learning and professional growth.
- Focused on improving software quality by enhancing development and QA processes.
- Known for taking ownership of complex initiatives and driving them to successful resolution.
- Skilled in both manual and automated testing strategies across web and mobile platforms.
- Passionate about delivering value through innovations and pragmatic decision-making.
- Comfortable wearing multiple hats in dynamic, fast-paced environments.
- Advocate for best practices in testing, documentation, engineering standards, and agile delivery.
- Strong leadership, communication, and presentation skills.
- Thrive in collaborative and growth-oriented environments.
- Transparent, honest, and direct in communication and team leadership.
- Effectively manage projects across the full SDLC using Agile methodologies.
- Co-founded an educational startup used to train developers and testers in full-cycle software delivery.
- Successfully built end-to-end applications, including frontend, backend, database, and DevOps.
- Hands-on experience designing and implementing CI/CD pipelines and managing multiple environments.
- Skilled at mentoring, coaching, and developing talent through immersive, real-project education models.
- Experienced in working with global, industry-leading clients and distributed teams.

PROFESSIONAL EXPERIENCE

QA/SDET Leader @ Allergan Aesthetics, an AbbVie Company

June 2022 – Present | Remote

- Led QA efforts on a project responsible for ~90% of company revenue, improving quality, reducing defects, and helping earn millions by improving software quality.
- Introduced AI-driven automation using Playwright MCP and GitHub Copilot, reducing test development time by 80% and increasing test coverage.
- Integrated KaneAI by LambdaTest into manual testing processes, cutting test case creation and execution time by over 60%.
- Spearheaded QA for a customer financing platform, helping launch a high-quality product that enabled millions in revenue through successful transactions.
- Led QA initiatives for the Alle mobile app, which handles ~90% of customer traffic resulting in a 3x reduction in production bugs and a 50% increase in 5-star reviews.
- Designed and executed test procedures for infrastructure preparation for high-traffic tentpole events (e.g., Mother's Day, Botox Day), supporting \$20M+ in single-day gift card transactions.
- Migrated legacy automation frameworks to modern, scalable platforms: Playwright (web), WebDriverIO + Appium (mobile).
- Pioneered use of LambdaTest and SmartUI for cloud-based cross-browser testing and visual regression, integrating results via API into centralized reporting.
- Implemented company's first comprehensive load testing strategy using Artillery Pro + AWS for cloud-based performance testing.
- Defined and led validation strategy for Multi-region High Availability to support business-critical Alle systems.

- Instituted Visual QA and accessibility testing practices, strengthening UX quality and reliability in production.
- Introduced agile QA reporting practices and improved visibility of quality metrics across the organization.
- Drove team growth and engagement, resulting in multiple promotions and conversions from contract to full-time roles.
- Fostered a high-performance, inclusive QA culture through hands-on mentorship, training, and leadership by example.
- Played a key role in shaping long-term QA strategy, test architecture, automation tooling, and process improvement roadmap.

QA Test Lead @ This Is Alice

July 2021 – June 2022 | Remote

- Established QA from scratch in a previously no-testing environment, introducing processes and documentation that significantly reduced the number of production bugs.
- Designed and developed a scalable automation framework using WebDriverIO, Mocha, and LambdaTest, expanding regression test coverage by 10x across browsers, devices, and screen resolutions.
- Reduced regression test execution time by 80% through strategic automation and upskilling junior QA staff in test development and best practices.
- Defined overall QA strategy, framework architecture, and test coverage plan in alignment with engineering and product roadmaps.
- Led the recruitment, onboarding, and mentorship of Manual QA and Automation Engineers, building a high-performing QA team of 5 members.
- Introduced CI/CD processes and integrated test automation pipelines to support continuous testing and faster releases.

QA Manager @ Alluma

April 2019 – June 2021 | Sacramento, CA

- Built and led a QA team of 10+ engineers and analysts in an organization with no prior QA discipline, transforming support staff into a structured, automation-capable QA team.
- Reduced production bugs significantly by introducing end-to-end QA best practices, documentation standards, and test ownership culture across the team.
- Led a multi-month internal coding bootcamp that helped Manual QA Analysts transition into SDETs, enabling broader automation contributions and career growth.
- Reduced regression testing efforts by over 80% by designing and implementing an automation framework (WebDriverIO, Mocha, Chai, Axios, BrowserStack, SendGrid).
- Introduced cloud-based testing and Visual Regression testing, increasing cross-browser and cross-device coverage by 8–10x.
- Defined and executed the overall QA strategy, including test architecture, automation standards, and test coverage planning.
- Embedded test automation into the CI/CD pipeline using Azure DevOps, ensuring faster, more reliable deployments.
- Drove quality improvements across the engineering org by enhancing design review practices, promoting automation-first thinking, and supporting documentation initiatives.
- Participated in Agile ceremonies (sprint planning, retrospectives, grooming), contributing to team alignment and delivery consistency.

QA Test Lead @ Apple

April 2018 – April 2019 | Cupertino, CA

- Managed the day-to-day activities of a QA team, ensuring alignment with project goals and timelines.
- Facilitated communication and coordination across multiple development teams working on a complex

software product.

- Played a key role in establishing effective cross-team collaboration workflows.
- Authored high-quality test documentation, improving clarity, consistency, and traceability across the QA process.
- Enhanced overall software quality by identifying and improving critical development and QA processes.
- Contributed innovative ideas for product improvements and software enhancements.
- Collaborated with the development team to troubleshoot and resolve code issues in React and React Native.
- Led the development and ongoing enhancement of the test automation framework using WebDriverIO, Visual Regression tools, Mocha, Chai, and Chromedriver.
- Worked with global teams during localization testing to ensure proper internationalization and regional compatibility.
- Supported Business Analysts and Project Managers by managing the Agile board and prioritizing issues effectively.
- Created and managed test data for a wide range of acceptance testing scenarios.

OTHER PROJECTS AND EXPERIENCE

Co-Founder @ TechStart.dev

January 2021 - December 2023

- Co-founded an educational initiative focused on immersive, project-based training in software development and QA engineering.
- Designed and led real-world projects to simulate full-cycle software delivery, using production-grade tools.
- Built and managed a web platform (React.js, Express.js, MongoDB, Azure) used as a training project.
- Developed an internal system for managing students, courses, and assignments using the same tech stack.
- Architected CI/CD pipelines and multi-environment infrastructure (Dev, QA, Prod) to mirror modern enterprise development practices.
- Mentored and coached over 300 students, focusing on practical skills in front-end/back-end development, test automation, and DevOps.
- Achieved a 95% employment rate for graduates by aligning training with current industry needs and emphasizing real-world readiness.
- Integrated Cypress and WebDriverIO to teach best practices in end-to-end, UI, and regression testing.
- Led Agile ceremonies including sprint planning, backlog grooming, and retrospectives; introduced ticketing, documentation, and test case management workflows.

EDUCATION

Doctor of Medicine | Vinnytsa National Medical University

September 2006 - June 2012 | Vinnytsia, Ukraine

TECHNICAL SKILLS

Coding: JS/TS, HTML, CSS, Python, Java

AI: Cursor, GitHub Copilot, KaneAI, TestSigma.

Automation: WebdriverIO, Cypress, Playwright, Selenium, Appium

Cloud Testing: BrowserStack, LambdaTest, SauceLabs

Full Stack: React, React Native, Express.js, MongoDB Atlas.

API: RESTful, GraphQL

Load Testing: Artillery.io, Loadster

CI/CD: Azure DevOps, GitHub Actions

Issue Tracking: Jira, Azure DevOps.