Andrei Surzhan
Senior Software Developer

📍 Louisville, KY

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 AndreySurzhan

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Programming languages:
JavaScript/TypeScript (ES6, NodeJS), HTML5/CSS, C#, Python, SQL

Tools:
Databases: MS SQL, MongoDB
Web Frameworks and libraries: NextJs, NestJs, Apollo Graphql, React Query, Turborepo, Emotion, Stitches, Angular, .Net stack, Mongoose, ExpressJS
VCS: Git
CI/CD tool: CircleCI,Jenkins, Octopus Deploy
Web Testing Frameworks and libraries: Jest, Playwright, Selenium/Protractor, pytest, Jasmine2, Swagger
Other tools: Datadog, Sentry, Postman, Sumologic

Experience

Senior Software Engineer, Koala.io/Chowly.com   January 2022 – Present

- Develop the Koala web first class ordering platform with 6M user sessions per month.
- Integrate Koala platform with Chowly, which helped to seamlessly onboard Chowly SMB clients using Koala products and enhance business opportunities.
- Implement mission-critical features for Koala web ordering platform, ensuring compliance with OIO standards and solidifying Koala's position as a trusted partner in the restaurant industry.
- Spearhead e2e test-automation initiative. Desin and integrate framework for e2e automated tests.
- Improve the continuous integration and delivery (CI/CD) pipeline by integrating e2e test runs, fixing broken workflows and speeding up pipeline run time.

Technologies: TypeScript, React, NextJs 12, styled-components, Stitches, React Query, Redux, CircleCi, Git and Github, Turborepo, Jest, Playwright, AWS, Datadog, Sentry

Software Developer, Farm Credit Mid-America   August 2018 – December 2021
(Louisville, KY)

- Built a Partner facing origination system that led company to earn businesses with partners from 3 additional states.

Technologies: TypeScript/JavaScript, Angular and AngularJS, .Net stack, Entity Framework, Git, MS SQL.
Non-project activities: Participated in Dev book club, workshops and collaborated with shift-left initiative groups to implement testing frameworks.

Software Developer, Open Source Projects   February 2016 – Present

- Developed and launched two web applications: checklistsl.com, thehideawaypanamacity.com.
- Orchestrated project effort. Created technical and business requirements.
- Provided guidance and led a team of 2 people that provided QA of the project. Both found full-time QA positions after participating in the project.

Technologies: TypeScript, React, Redux, NextJs, NestJs, Apollo GraphQL, ExpressJS, Mogoose, MongoDB, Git, Github Pages, Actions, Nginx, DigitalOcean.

QA Engineer, Farm Credit Mid-America (Louisville, KY)   January 2017 – August 2018

- Architected and implemented a multi-layered abstraction framework, enabling simplified test creation and maintenance; facilitated the involvement of five Quality Assurance team members with varying levels of expertise in test automation activities.

- Tested, developed and launched Consumer landing platform that allowed to migrate all related business processes over web technologies.
- Facilitated testing process in the team to improve testing quality to 96%.

Technologies: Python, pytest, Octopus Deploy, Git.

QA/BA Engineer, Opensoft (Louisville, KY)   September 2016 – December 2016

- Created and delivered detailed business and technical functional/non-functional requirements based on marketing strategies and client needs. Delivered requirements to the development team.
- Conducted Functional, UI, session-based, regression, Cross Browser, Web-services testing (REST).

Senior QA Engineer, Opensoft (opensoftdev.ru)   October 2015 – August 2016

- Modernized automation framework to be able to run tests in parallel reducing run time up to 3 times. Extended test coverage up to 500 isolated, independent UI tests.

Technologies: JavaScript, Protractor/WebDriverJS/Selenium, Jasmine, JenkinsCI.

- Designed and integrated a traceability matrix to capture test automation metrics.
- Coordinated and guided 1 Junior QA professional.

QA Engineer, Opensoft (opensoftdev.ru)   June 2014 – October 2015

- Engineered a cutting-edge test automation framework using Selenium, implementing best practices such as the Page Object Pattern and BDD techniques.

Technologies: JavaScript, Protractor/WebDriverJS/Selenium, Jasmine, JenkinsCI.

- Led and arranged testing processes in projects that allowed to increase product quality.
- Designed and executed comprehensive Functional, UI, session-based, regression, Cross Browser, Web-services tests (REST, SOAP).

QA Engineer, Open Source project JTalks (jtalks.org)   January 2014 – May 2015

- Produced and maintained testing documentation: test-cases, check-lists.
- Conducted thorough requirement analysis, wrote acceptance criteria, crafted visually appealing mockups.
- Performed comprehensive Functional, UI, exploratory/session-based, regression testing.
- Implemented automated tests. Arranged and provided webinars.

Leadership and Awards

Mentor, Code Louisville   May 2020 – November 2021

Mentored over 150 students.

Engaged in weekly classes with diverse group of 35+ students

Leveraging expert knowledge in web technologies to guide and support students in completing assignments and mastering essential skills over a course of 12 weeks.

Achievements

- Spearheaded the development of critical-to-business features for Koala first class web-ordering platform that led to establishing OLO partner certification, integrating with Chowly platform, and seamlessly onboarding SMB clients.
- During the work at Farm Credit Mid-America was among top performers in the department with an average score 4.6 (5 max).
- Provided quality control in projects which debuted in world largest exhibitions (Drupa 2016, Graph Expo 2015).

Education

Saratov State Technical University
Engineer (Master)