

CONTACT

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www.andrei-builds.software

ANDREI SURZAN

Senior Software Engineer

PROGRAMMING

- Typescript/JavaScript(ES6)
- CSS
- HTML5
- React
- Redux
- NextJS,
- React-query
- NodeJS
- Express
- NestJS
- MongoDB
- Apollo GraphQL
- Turborepo
- Styled-components
- Emotion
- Stitches
- SQL
- Jest
- Playwright,

TOOLS

- Git
- Github Actions
- CircleCI
- AWS
- Octopus Deploy
- Postman
- Swagger
- Sentry
- Datadog
- Sumologic
- Figma

EDUCATION

Engineering Degree

Saratov State Technical University
2005 - 2010

PROFILE

I enjoy resolving complex challenges with cutting-edge technologies and delivering high-quality results. I am eager to collaborate, share and learn from feedback.

WORK EXPERIENCE

January 2022 - Present

[Koala.io](https://koala.io/)/[Chowly.com](https://chowly.com/)

Senior Software Engineer

- Develop and release strategic projects for the Koala web ordering platform with 6M user sessions per month.
- Spearhead e2e test-automation initiative. Design and integrated framework for e2e automated tests.

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

February 2016 - Present

Open Source Projects and Freelance

Software Engineer

- Developed and launched web applications: check-list with built-in translation engine, rental listing app, and education platform for QA Engineers.
- Orchestrated project effort. Created technical and business requirements.
- Provided guidance and led a team of 2 people that provided QA for the project.

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

August 2018 - December 2021

Farm Credit Mid-America

Software Developer

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

Technologies: TypeScript/JavaScript, Angular, .Net stack, Entity Framework, Git, MS SQL.

January 2017 - August 2018

Farm Credit Mid-America

QA Engineer

- Architected and implemented a multi-layered abstraction test-automation framework.
- Facilitated the involvement of five Quality Assurance team members with varying levels of expertise in test automation activities.
- Tested, developed, and launched a Consumer landing platform that allowed migration of 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.

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○ September 2016 – December 2016

Opensoft

QA/BA Engineer

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

○ October 2015 – August 2016

Opensoft

Senior QA Engineer

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

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

○ June 2014 – October 2015

Opensoft

QA Engineer

- Engineered test-automation framework using Selenium, implementing best practices such as the Page Object Pattern and BDD techniques.
- Led and arranged testing processes in projects that allowed for an increase in product quality.
- Designed and executed Functional, UI, session-based, regression, Cross Browser, and Web-services tests (REST, SOAP).

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

○ January 2014 – May 2015

Open Source project JTalks

QA Engineer

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

LEADERSHIP AND AWARDS

May 2020 – November 2021

Code Louisville

Mentor

Mentored over 150 students.

Engaged in weekly classes with diverse a group of 35+ students.

Leveraged expert knowledge in web technologies to guide and support students in completing assignments and mastering development skills over the 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 my 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).