





Andrew Myronchuk
SOFTWARE ENGINEER

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TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript

Cloud Deployment and Technologies: DevOps, CircleCI, Docker, Git, AWS (EC2)

Database Concepts and Technologies: SQL, NoSQL, MongoDB, Mongoose, Entity Relationship Diagrams, Database scaling, Sequelize

Server-Side Concepts and Technologies: Node.js, Express.js, MVC, Stress Testing & Scalability

Client-Side Concepts and Technologies: HTML5/CSS3, Tailwind, DOM & DOM API, Event Listeners, React.js, AJAX, Component-Based Architecture

Unit and Automation Testing: Jest, Mocha, Chai, React Testing Library, Cypress

Fundamentals of Computer Science: Data Structures, Algorithms, Object-oriented design, ORM/ODMs

PROFESSIONAL EXPERIENCE

[LexiTap \(lexitap.com\)](http://LexiTap.com) · Jacksonville, FL Mar '25 – Present
Software Engineer (Personal Project)

- Building an interactive language learning web application with a *MERN* stack.

[Freelancer](#) · Jacksonville, FL Apr '17 - Dec '24
Freelance QA Consultant and Webflow Developer

- Executed *comprehensive testing* (exploratory, functional, regression, acceptance, performance and usability) of various web and native applications as a freelance contractor
- Designed, developed and performed basic SEO optimization of websites and landing pages for small local businesses using a no-code website builder *Webflow*

[PASCO Scientific](#) · Roseville, CA Apr '15 - Apr '17
Software Quality Assurance Engineer

- Performed functional, regression, cross-platform and localization testing of multiple data collection and analysis applications used by *millions of students* from 25+ countries
- Created and maintained comprehensive test plans, test cases and reports to ensure *100% testing coverage of critical features* prior to each release
- Collaborated with cross-functional teams to enhance software quality, resulting in measurable improvements of product stability (*0 major issues reported in production*)

[LAS](#) · Remote Jan '14 - Apr '15
Software Quality Assurance Consultant

- Led functional, regression and usability testing of a popular early childhood development mobile app with *500k+ active users*
- Explored automation opportunities of assigned regression test suit, *reducing manual test effort by 20%*

RELEVANT PROJECTS

[Atelier](#) · Back-end Engineer (Express, MySQL, NGINX, AWS (EC2), Mocha, Postman, Artillery, Loader.io) Feb '25
E-commerce microservice for a product reviews system

- Architected and optimized an *ETL pipeline* to migrate from a monolithic architecture to a microservice, achieving *15-minute ingestion for 20M records* from CSV files
- Developed and deployed a *scalable RESTful API microservice* on AWS (EC2) with a *NGINX load balancer* to ensure high availability and performance
- Scaled and conducted extensive load testing of the microservice, achieving *13 ms response time for 3,000 GET req/s and 50 ms for 600 POST req/sec*

[Atelier](#) · Front-end Engineer (React, RTK with Thunks, Axios, Express, Jest, React Testing Library, Webpack, Babel, AWS (EC2)) Feb '25
E-commerce web application

- Designed, developed and tested (*70% unit test coverage*) a 'Questions & Answers' widget of an e-commerce web application
- Improved the widget performance to fulfill business requirements (*FP < 0.8s, FMP < 2s. TTI < 2.5s*) by reducing API requests and optimizing image loading
- Deployed the application on *AWS EC2* instance to ensure scalable and reliable cloud hosting

EDUCATION

[Hack Reactor](#) · Remote Mar '25
Advanced Software Engineering Immersive Program

Full-stack web development and computer science fundamentals

[PCS](#) · Sunnyvale, CA Apr '15
Software Quality Assurance Program

Testing methodologies of web, hybrid and native applications

[Zhytomyr State University](#) · Ukraine Jun '12
Bachelor's Degree in Linguistics, ESL