

Sarah Martinez

Chicago, IL, United States

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Summary

Full Stack Developer with 6 years of experience specializing in Vue.js, React, and Node.js ecosystems. Expert in building responsive, accessible web applications with a strong focus on performance optimization and user experience. Led migrations from monolithic systems to microservices, improving scalability by 60%. Passionate about clean code, automated testing, and mentoring junior developers.

Technical Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, Sass

Frontend: Vue.js, Nuxt.js, React, Vuex, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, GraphQL

Databases: PostgreSQL, MongoDB, Redis

DevOps & Cloud: AWS, Docker, CI/CD, Nginx

Testing: Jest, Cypress

Architecture: Microservices

Tools & Methods: Git, Agile/Scrum, Sequelize, Webpack

Professional Experience

Senior Full Stack Developer

Jan 2022 – Present

CloudScale Technologies, Chicago, IL

- Architected a microservices-based SaaS platform using Vue.js 3, Node.js, and PostgreSQL, serving 35,000+ users across 12 countries.
- Led a team of 5 developers migrating a monolith to microservices, reducing server costs by \$45K annually and improving scalability by 60%.
- Built real-time monitoring dashboards using Vue.js, WebSockets, and Redis with sub-second latency for 8,000+ resources.
- Designed GraphQL APIs reducing API calls by 40% and improving page load times by 2.8 seconds.
- Implemented CI/CD pipelines with GitHub Actions, Docker, and AWS ECS, enabling 20+ zero-downtime deployments per week.
- Established automated testing with Jest and Cypress, achieving 88% code coverage and reducing production bugs by 55%.

Full Stack Developer

Jun 2020 – Dec 2021

MediaFlow Inc., Chicago, IL

- Developed Vue.js and Vuex-based web applications supporting 50,000+ concurrent users with 99.8% uptime.
- Built RESTful APIs with Express.js and MongoDB handling 3M+ daily requests with 180ms average latency.
- Implemented AWS-based video transcoding pipelines, reducing processing time by 70% and saving \$30K annually.
- Created real-time analytics dashboards using Socket.io and Chart.js for monitoring 10K+ active streams.
- Optimized database queries and Redis caching, improving API performance by 55%.

Junior Full Stack Developer

Jan 2019 – May 2020

TechVentures LLC, Evanston, IL

- Delivered 6 client applications using Vue.js, Node.js, and MongoDB within schedule and budget.
- Implemented RESTful APIs and integrated third-party services including Stripe, SendGrid, and Google Maps.
- Built a reusable Vue component library, reducing development time by 30%.
- Fixed 70+ bugs and delivered 35+ features while maintaining 95% sprint velocity.

Projects

EcoCommerce – Sustainable Shopping Platform

E-commerce platform built with Nuxt.js, Node.js, and PostgreSQL featuring carbon footprint tracking and product recommendations. Serving 12,000+ monthly active users.

DevMetrics – Developer Productivity Tracker

Analytics dashboard built with React, Express.js, and MongoDB. Integrated with GitHub and earned 800+ stars.

WeatherNow – Real-time Weather Application

Progressive Web App built with Vue.js providing real-time weather data and alerts for 15,000+ active users.

Education

Northwestern University

Bachelor of Science in Computer Science

Sep 2014 – Jun 2018

GPA: 3.65/4.0

Certifications

AWS Certified Developer – Associate (2021)

Vue.js Certified Developer (2020)

Languages

English (Native), Spanish (Native), French (Conversational)