

SARAH JOHNSON

Senior Full-Stack Developer

Email: sarah.johnson@email.com

Phone: +1 (555) 987-6543

LinkedIn: linkedin.com/in/sarahjohnson-dev

GitHub: github.com/sarahjohnson

Location: San Francisco, CA

PROFESSIONAL SUMMARY

Experienced Full-Stack Developer with 8+ years of expertise in modern web technologies including React, Node.js, and cloud architecture. Proven track record of leading development teams and delivering scalable enterprise applications. Passionate about clean code, performance optimization, and mentoring junior developers.

Key Achievements:

- Led development of e-commerce platform generating \$2.3M revenue in first 6 months
- Reduced application load time by 60% through performance optimization
- Mentored 12+ junior developers and established coding best practices
- Achieved 99.9% uptime across multiple production systems

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- **JavaScript/TypeScript** - 8 years (Expert level)
- **Python** - 5 years (Advanced level)
- **Java** - 4 years (Intermediate level)
- **C#** - 3 years (Intermediate level)
- **PHP** - 3 years (Intermediate level)

FRONTEND TECHNOLOGIES

- **React.js** - 6 years (Expert level with hooks, context, Redux)
- **Vue.js** - 3 years (Advanced level)
- **Angular** - 2 years (Intermediate level)
- **HTML5/CSS3** - 8 years (Expert level)
- **SASS/SCSS** - 5 years (Advanced level)
- **Material-UI, Ant Design, Bootstrap** - 5 years

BACKEND TECHNOLOGIES

- **Node.js/Express.js** - 7 years (Expert level)
- **Python Flask/Django** - 4 years (Advanced level)
- **Spring Boot** - 3 years (Intermediate level)
- **ASP.NET Core** - 2 years (Intermediate level)
- **GraphQL** - 3 years (Advanced level)
- **REST API Design** - 8 years (Expert level)

DATABASE TECHNOLOGIES

- **MongoDB** - 6 years (Advanced level)
- **PostgreSQL** - 5 years (Advanced level)
- **MySQL** - 4 years (Advanced level)
- **Redis** - 4 years (Advanced level)
- **Elasticsearch** - 3 years (Intermediate level)

CLOUD & DEVOPS

- **AWS Services** - 5 years (ECS, RDS, S3, Lambda, CloudWatch)
- **Docker** - 5 years (Advanced level)
- **Kubernetes** - 2 years (Intermediate level)
- **CI/CD Pipelines** - 5 years (GitHub Actions, Jenkins)
- **Terraform** - 2 years (Infrastructure as Code)

TOOLS & METHODOLOGIES

- **Git/GitHub** - 8 years (Expert level)
 - **Agile/Scrum** - 6 years (Team lead experience)
 - **Test-Driven Development** - 5 years
 - **Jest, Cypress, Mocha** - 5 years (Testing frameworks)
 - **Webpack, Vite, Babel** - 4 years (Build tools)
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PROFESSIONAL EXPERIENCE

SENIOR FULL-STACK DEVELOPER | TECHCORP SOLUTIONS

January 2022 - Present (2 years 9 months)

E-Commerce Platform Development

- Architected and developed a comprehensive e-commerce platform using React, Node.js, and MongoDB
- Implemented microservices architecture serving 10,000+ concurrent users
- Integrated payment gateways (Stripe, PayPal) with PCI DSS compliance
- Built real-time inventory management system with WebSocket connections
- Achieved 99.9% uptime with automated monitoring and alerting systems

Team Leadership & Mentoring

- Led cross-functional team of 5 developers in agile development process
- Established coding standards and conducted 100+ code reviews
- Mentored 3 junior developers, resulting in 2 promotions within 12 months
- Implemented automated testing strategy increasing code coverage to 95%

Performance Optimization

- Reduced application load time from 5.2s to 1.8s through code splitting and caching
- Optimized database queries reducing response time by 70%
- Implemented CDN and image optimization reducing bandwidth by 40%
- Built monitoring dashboard for real-time performance tracking

Technologies Used: React, Node.js, Express, MongoDB, Redis, AWS, Docker, Jenkins

FULL-STACK DEVELOPER | INNOVATEX INC.

March 2019 - December 2021 (2 years 9 months)

Customer Management System

- Developed CRM system from scratch handling 50,000+ customer records
- Built RESTful APIs with comprehensive authentication and authorization
- Implemented data analytics dashboard with real-time reporting
- Integrated third-party services including email marketing and support systems

Mobile Application Development

- Created React Native mobile app with 10,000+ downloads
- Implemented offline functionality with data synchronization
- Built push notification system with 85% engagement rate
- Achieved 4.7/5 rating on both iOS and Android app stores

Database Design & Optimization

- Designed scalable PostgreSQL database schema for multi-tenant architecture
- Implemented database indexing strategy improving query performance by 60%
- Built data migration scripts for legacy system integration
- Created automated backup and recovery procedures

Technologies Used: React, React Native, Node.js, PostgreSQL, AWS RDS, S3, Lambda

FRONTEND DEVELOPER | WEBSOLUTIONS LTD.

June 2017 - February 2019 (1 year 8 months)

Corporate Website Development

- Developed responsive websites for 20+ enterprise clients
- Built custom WordPress themes and plugins
- Implemented SEO optimization achieving 40% increase in organic traffic
- Created component library used across multiple projects

UI/UX Implementation

- Collaborated with design team to implement pixel-perfect interfaces
- Built accessible web applications meeting WCAG 2.1 standards
- Implemented cross-browser compatibility for IE11+ and modern browsers
- Created interactive prototypes using Figma and Adobe XD

Performance & Analytics

- Achieved 95+ Lighthouse scores across all performance metrics
- Implemented Google Analytics and conversion tracking
- Optimized Core Web Vitals resulting in 25% better search rankings
- Built A/B testing framework for landing page optimization

Technologies Used: HTML5, CSS3, JavaScript, jQuery, WordPress, PHP, MySQL

JUNIOR DEVELOPER | STARTUPHUB TECH

August 2016 - May 2017 (9 months)

Web Application Development

- Contributed to development of SaaS analytics platform
- Built responsive frontend components using vanilla JavaScript
- Implemented user authentication and session management
- Created automated testing suite with 80% code coverage

API Integration & Documentation

- Integrated multiple third-party APIs including social media and payment services
- Created comprehensive API documentation using Swagger
- Built webhook handlers for real-time data processing
- Implemented error handling and retry mechanisms

Learning & Growth

- Participated in code reviews and pair programming sessions
- Attended tech conferences and completed online certifications
- Contributed to open-source projects on GitHub
- Collaborated with senior developers on architecture decisions

Technologies Used: JavaScript, HTML, CSS, Python Flask, SQLite, Git

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

University of California, Berkeley | 2012 - 2016

Relevant Coursework:

- Data Structures and Algorithms
- Database Systems and Design
- Software Engineering Principles
- Web Development Technologies
- Computer Networks and Security
- Machine Learning Fundamentals

Academic Projects:

- **Social Media Analytics Platform** - Built Python web application analyzing Twitter sentiment using machine learning algorithms
- **Distributed Chat Application** - Developed real-time chat system using WebSockets and Node.js with horizontal scaling
- **E-Learning Platform** - Created educational platform with video streaming, quizzes, and progress tracking features

GPA: 3.8/4.0 | **Dean's List:** Fall 2014, Spring 2015, Fall 2015

CERTIFICATIONS

AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE

Amazon Web Services | Valid: March 2023 - March 2026

- Credential ID: AWS-ASA-123456789
- Skills: EC2, S3, RDS, Lambda, VPC, CloudFormation, Auto Scaling

PROFESSIONAL SCRUM MASTER I (PSM I)

Scrum.org | Achieved: January 2023

- Score: 95% (Pass mark: 85%)
- Skills: Scrum framework, Sprint planning, Team facilitation

MONGODB CERTIFIED DEVELOPER ASSOCIATE

MongoDB University | Achieved: September 2022

- Credential ID: MDB-DEV-123456
- Skills: Document modeling, Aggregation, Indexing, Performance tuning

GOOGLE CLOUD PROFESSIONAL DEVELOPER

Google Cloud Platform | Valid: June 2022 - June 2025

- Credential ID: GCP-PD-987654
- Skills: App Engine, Cloud Functions, Kubernetes Engine, Cloud Storage

REACT DEVELOPER CERTIFICATION

Meta (Facebook) | Achieved: March 2022

- Skills: Advanced React patterns, Performance optimization, Testing strategies

NOTABLE PROJECTS

E-COMMERCE PLATFORM (TECHCORP SOLUTIONS)

Lead Developer | January 2022 - June 2024

Project Description:

Comprehensive e-commerce platform built from scratch serving B2C and B2B markets with advanced features including real-time inventory, multi-vendor support, and AI-powered recommendations.

Key Responsibilities:

- Architected microservices infrastructure using Node.js and Docker
- Implemented React frontend with server-side rendering for SEO
- Built real-time inventory system preventing overselling
- Integrated multiple payment gateways with fraud detection
- Created admin dashboard with advanced analytics and reporting

Technical Achievements:

- Successfully handles 15,000+ concurrent users during peak traffic
- Achieved 99.95% uptime over 2+ years of operation
- Generated \$2.3M revenue in first 6 months of launch
- Reduced cart abandonment by 30% through UX optimization
- Implemented automated testing with 95% code coverage

Technologies: React, Node.js, Express, MongoDB, Redis, AWS ECS, Docker, Stripe API

Results: 4.8/5 customer satisfaction, 35% repeat customer rate, featured in TechCrunch

REAL-TIME ANALYTICS DASHBOARD (INNOVATEX INC.)

Full-Stack Developer | May 2020 - November 2021

Project Description: Interactive dashboard providing real-time insights into customer behavior, sales metrics, and system performance with customizable widgets and automated reporting.

Key Features Developed:

- Real-time data visualization using D3.js and Chart.js
- WebSocket connections for live data updates
- Customizable dashboard with drag-and-drop widgets
- Automated report generation with email scheduling
- Role-based access control for different user types

Performance Optimizations:

- Implemented data aggregation reducing query time by 80%
- Built caching layer with Redis improving response time to <200ms
- Created efficient database indexes for complex analytical queries
- Optimized frontend rendering handling 100,000+ data points smoothly

Technologies: Vue.js, Python Flask, PostgreSQL, Redis, WebSockets, D3.js

Impact: 50% reduction in decision-making time, adopted by 500+ internal users

MOBILE BANKING APP (PERSONAL PROJECT)

Solo Developer | September 2021 - March 2022

Project Description: Secure mobile banking application with biometric authentication, real-time transactions, and comprehensive financial management features.

Security Features:

- Biometric authentication (Face ID, Touch ID, Fingerprint)
- End-to-end encryption for all data transmission
- Certificate pinning preventing man-in-the-middle attacks
- Multi-factor authentication with SMS and app-based OTP
- Session management with automatic timeout and device binding

Core Functionalities:

- Real-time balance and transaction history
- P2P money transfers with QR code scanning
- Bill payment integration with 50+ service providers
- Expense tracking with automated categorization
- Investment portfolio management with market data

Technologies: React Native, Node.js, MongoDB, AWS Cognito, Plaid API

Recognition: Winner of "Best Fintech App" at SF Tech Meetup 2022

OPEN SOURCE CONTRIBUTIONS

REACT PERFORMANCE TOOLKIT

Core Contributor | 2023 - Present

- GitHub Stars: 2,400+ | Forks: 180+
- Built performance monitoring hooks and optimization utilities
- Contributed lazy loading components and memory leak detection
- Maintained documentation and provided community support

EXPRESS SECURITY MIDDLEWARE

Maintainer | 2022 - Present

- GitHub Stars: 1,800+ | Forks: 120+
- Developed security middleware for Express applications
- Implemented rate limiting, CORS, and input validation utilities
- Conducted security audits and vulnerability assessments

MONGODB MIGRATION TOOL

Creator | 2021 - 2023

- GitHub Stars: 950+ | Forks: 85+
 - Built CLI tool for MongoDB schema migrations
 - Supports rollback functionality and data validation
 - Used by 500+ developers worldwide
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PUBLICATIONS & SPEAKING

TECHNICAL BLOG - "SCALING NODE.JS APPLICATIONS"

Medium Publication | December 2023

- 15,000+ views | 500+ claps
- Detailed guide on horizontal scaling strategies
- Covered load balancing, caching, and database optimization

CONFERENCE SPEAKER - "MODERN REACT PATTERNS"

SF JavaScript Meetup | October 2023

- Audience: 200+ developers
- Topics: Compound components, Render props, Custom hooks
- Slides and code examples available on GitHub

PODCAST GUEST - "THE DEVELOPER'S JOURNEY"

Tech Talks Podcast | August 2023

- Episode: "From Junior to Senior - Leadership in Development"
 - 5,000+ downloads | 4.9/5 rating
 - Discussed mentoring strategies and career growth
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AWARDS & RECOGNITION

EMPLOYEE OF THE YEAR 2023

TechCorp Solutions

- Recognized for exceptional leadership in e-commerce platform development
- Led team that achieved highest customer satisfaction scores in company history

BEST TECHNICAL INNOVATION AWARD

InnovateX Inc. | 2021

- Awarded for developing real-time analytics dashboard
- Innovation resulted in 30% increase in operational efficiency

HACKATHON WINNER - "CLIMATE TECH CHALLENGE"

SF Climate Week | September 2022

- Built carbon footprint tracking app in 48 hours
- Used React Native, Node.js, and machine learning algorithms
- Won \$10,000 prize and mentorship program

DEAN'S LIST RECOGNITION

UC Berkeley | 2014-2015

- Maintained 3.8+ GPA while working part-time
 - Recognized for academic excellence in computer science
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VOLUNTEER EXPERIENCE

CODE FOR AMERICA - VOLUNTEER DEVELOPER

March 2023 - Present

- Develop civic technology solutions for local government
- Built digital services improving access to public benefits
- Collaborate with designers and product managers on user research

GIRLS WHO CODE - TECHNICAL MENTOR

January 2022 - Present

- Mentor high school students in web development
- Conduct workshops on React, JavaScript, and career guidance
- Helped 20+ students complete their first web applications

OPEN SOURCE CONTRIBUTOR

2019 - Present

- Regular contributor to various JavaScript and React projects
 - Maintained 3 npm packages with 100,000+ weekly downloads
 - Provided code reviews and mentorship to new contributors
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LANGUAGES

- **English** - Native proficiency
 - **Spanish** - Conversational proficiency (B2 level)
 - **Mandarin Chinese** - Basic proficiency (A2 level)
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INTERESTS & HOBBIES

Technology & Learning:

- Stay current with latest web development trends and frameworks
- Attend tech meetups and conferences (React Conf, JSConf, AWS re:Invent)
- Contribute to open-source projects and maintain technical blog

Personal Development:

- Rock climbing and hiking (completed 50+ trails in California)
- Photography with focus on landscape and street photography
- Cooking international cuisine and experimenting with new recipes
- Reading business and leadership books (20+ books per year)

Community Involvement:

- Volunteer at local animal shelter (5+ years)
- Organize neighborhood cleanup events and sustainability initiatives
- Member of SF Women in Tech professional network

References available upon request

Portfolio: <https://sarahjohnson.dev>

GitHub: <https://github.com/sarahjohnson>

LinkedIn: <https://linkedin.com/in/sarahjohnson-dev>

CV generated on October 19, 2025

AI CV Evaluator - Sample CV Document