Javon McGilberry

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SUMMARY

Senior Frontend Software Engineer with over **7 years** of experience in designing, developing, and optimizing complex web applications. Expertise in **JavaScript**, **TypeScript**, **React**, **Node.js**, and **GraphQL**. Proven track record in leading architectural transformations, implementing innovative solutions, and enhancing system performance and user satisfaction. Adept at managing projects from conception to delivery in fast-paced environments. Committed to delivering high-quality, scalable solutions that align with business objectives.

SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3 (Sass, Tailwind CSS)
- **Front-End Frameworks & Libraries:** React, Redux, Next.js, Gatsby.js, Chakra UI, Styled Components
- **Back-End:** Node.js, NestJS, Apollo Server, GraphQL, REST APIs
- **UI/UX Design Tools:** Figma, Storybook, Adobe Photoshop, Illustrator
- **Databases:** PostgreSQL, MySQL
- **Testing Frameworks:** Jest, Vitest, Cypress, Playwright, Selenium WebDriver
- **DevOps & Tools:** Docker, Kubernetes, AWS (EC2, S3, Lambda, SQS, EventBridge), Azure, Git, NX, Vite, Webpack, CI/CD Pipelines, Contentful

EXPERIENCE

Senior Frontend Software Engineer

Instrument (Client: Spotify) (Contract)　　　　　July 2024 - October 2024，New York City, New York (Remote)

- **Performance-Focused Development:** Led development on a flagship web application for Spotify, utilizing TypeScript, Next.js (SSR), SASS, and Node.js,delivering a product poised to impact millions of users worldwide.
- **Design System Implementation:** Leveraged and contributed to Spotify's Design System, translating intricate Figma designs into responsive, accessible user interfaces with 100% design fidelity.
- **Accessibility Compliance:** Ensured full compliance with WCAG 2.1 standards, enhancing inclusivity and expanding the application's reach.
- **Quality Assurance:** Implemented rigorous testing practices using Jest and Playwright, achieving zero critical bugs post-deployment.
- **Agile Collaboration:** Coordinated with cross-functional teams in a fast-paced Scrum environment, coordinating with designers, product managers, and backend engineers, consistently delivering features ahead of schedule.

Senior Fullstack Software Engineer

Chief Inc.　　　　　November 2022 - Present，New York, NY (Remote)

- **UI Modernization:** Spearheaded the overhaul of public and member-facing interfaces, enhancing developer productivity and reducing the legacy codebase by over 70%. Utilized React, Vite, NX, Apollo Client (GraphQL), and Sanity.io.
- **Microservices Transition:** Drove the transformation from a monolithic API to a microservices architecture using TypeScript, Node.js, SQL, GraphQL Federation, NestJS, Docker, and AWS services (EventBridge, Lambda, SQS). Improved system reliability and reduced API load times by 40%.
- **Component Library Development:** Created a reusable component library with React, Chakra UI, and Storybook, standardizing UI elements and accelerating Chief development cycles by 25%.
- **Testing & CI/CD Implementation:** Established integration testing protocols achieving 90% test coverage with Jest and Playwright; Developed a robust CI/CDpipeline automating builds, tests, and deployments, resulting in a significant reduction in production related errors.
- **Feature Enhancement:** Improved the Location Service API with a proximity search feature using GraphQL and PostgreSQL, increasing user engagement by 23%.

Lead Frontend Software Engineer

FIS Global (Fidelity Information Services) (Contract)　　　　　April 2022 - November 2022，Atlanta, GA (Remote)

- **Dashboard Development:** Managed the delivery of an International Payments Dashboard handling over $15 billion annually. Built with React, Next.js, Redux, TypeScript, GraphQL, and Jest.

- **Performance Optimization:** Leveraged Next.js for server-side rendering, reducing page load times by 35% and enhancing user experience.
- **Innovation Initiatives:** Introduced emerging design patterns and technologies, improving application scalability and maintainability.
- **Security Enhancements:** Collaborated on implementing front-end security measures, including OAuth 2.0 with JWT refresh tokens.
- **Team Leadership:** Led a team of seven developers, promoting Agile practices and mentoring junior team members, resulting in a 90% code test coverage within three months.

Senior Frontend Software Engineer

FIS Global (Fidelity Information Services) (Contract)   **July 2021 - March 2022，Atlanta, GA (Remote)**
- **Application Development:** Built a real-time international payments application used by 95% of the world's top banks. Technologies included React,Redux, TypeScript, GraphQL, Jest, and Cypress.
- **TypeScript Migration:** Spearheaded the migration from PropTypes to TypeScript, enhancing code quality and maintainability across three teams.
- **Codebase Refactoring:** Refactored legacy codebase, improving readability and reducing technical debt by 50%, facilitating smoother feature development.
- **Performance Optimization:** Optimized application performance by implementing code splitting and lazy loading, reducing initial load times by 25%.

Frontend Software Engineer

Sayless Design Studios   **March 2020 - June 2021，Philadelphia, PA (Remote)**
- **Website Development:** Architected and maintained over 12 client websites with responsive designs using React, Next.js, Vue.js, Gatsby.js, Contentful, and Node.js.
- **Cross-Browser Compatibility:** Improved system integrity through comprehensive code reviews and unit testing, ensuring consistent performance across all major browsers.
- **Technical Support:** Provided guidance on workflows, website design, and troubleshooting, improving client satisfaction and efficiency by 20%.

Fullstack Software Engineer

The Home Depot   **February 2017 - February 2020，Atlanta, GA (On-Site)**
- **Legacy Application Optimization:** Maintained and optimized a monolithic legacy application handling over 1.6 billion transactions annually while driving transition to a modern microservices architecture.
- **"One Returns" Team:** Founding member contributing to the migration of a legacy Java service to a full-stack React application used nationwide across all Home Depot stores for processing customer returns:
  - **Frontend:** React, Redux, TypeScript
  - **Backend:** Node.js, Java, Spring Boot
  - **Testing:** Jest, Mockito, Selenium WebDriver
- **Process Improvement:** Improved customer return efficiency and reduced cashier training expenses by 20% across over 2,300 stores.

PROJECTS

BattleFly

battlefly.game • January 2022 -December 2023
- **Front-End Architecture:** Designed the front-end stack using React, Next.js, GraphQL, Apollo Client, and Playwright.
- **Web3 Integration:** Gained expertise in Web3, Ethers.js, Wagmi, and Solidity smart contracts within nine months.
- **Blockchain Game Development:** Led development and deployment of a blockchain-based game, scaling user base to over 10,000 within six months.
- **Funding & Engagement:** Contributed to generating over $8 million in funding and engaging around 10,000 participants.

EDUCATION

Full-stack Engineer Internship

The Home Depot • Atlanta, GA • 2017

Diploma

Kennesaw Mountain • Kennesaw, GA • 2012 • 3.8