

CHE' JAMAAL HOLLOWAY

Senior Senior Full Stack Engineer

SUMMARY

- Senior Full Stack Engineer with 15 years of experience delivering scalable solutions using React, Node.js, Next.js, and TypeScript for Amazon, Nike, Intuit, and more.
- Architected and shipped a GenAI chat platform featuring real-time SSE streaming and full WCAG 2.1 accessibility compliance.
- Expertise in frontend frameworks (React 15-18, Angular, Vue), backend APIs (NestJS, GraphQL, REST), and cloud infrastructure (AWS Lambda, EC2, S3).
- Strong testing discipline with Jest, Enzyme, Cypress, Karma; led multiple large-scale migrations and performance optimizations.
- Proven leadership in cross-functional collaboration, mentorship, code review standards, and end-to-end feature ownership.

TECHNICAL SKILLS

Main Technical Skills	React (5 yr.), Node.js (5 yr.), Next.js (2 yr.), TypeScript (5 yr.)
AI Tools & Assistants	Claude, GitHub Copilot
Programming Languages	JavaScript (15 yr.), TypeScript (5 yr.)
JavaScript Frameworks	Angular (4 yr.), AngularJS (3 yr.), Backbone.js, Express, GatsbyJS, NestJS, Next.js (2 yr.), Node.js (5 yr.), React (5 yr.), Vue.js (1 yr.)
JavaScript Libraries and Tools	Apollo, Enzyme (2 yr.), Redux-toolkit, Vite (1 yr.), Webpack
AI & Machine Learning	Claude, OpenAI, Prompt Engineering
Data Analysis and Visualization Technologies	Apache Spark Streaming
Security	Compliance Policies
Databases & Management Systems / ORM	Apache Spark Streaming, AWS DynamoDB, MongoDB (5 yr.), SQL
UI Frameworks, Libraries, and Browsers	Chakra UI (1 yr.), CSS3, HTML5, Storybook (1 yr.), Tailwind CSS (1 yr.)
Cloud Platforms, Services & Computing	Netlify, Vercel
Amazon Web Services	AWS API Gateway, AWS CloudFront, AWS DynamoDB, AWS EB (Amazon Elastic Beanstalk), AWS EC2, AWS Lambda, AWS S3



SDK / API and Integrations	AWS API Gateway, Collections API, GraphQL, RESTful API
Platforms	CMS
QA, Test Automation, Security	Cypress (2 yr.), Jasmine (3 yr.), Jest (5 yr.), Karma (3 yr.), Protractor (3 yr.), React Testing Library
Virtualization, Containers and Orchestration	Docker
Version Control	Github Actions
Deployment, CI/CD & Administration	Jenkins
Methodologies, Paradigms and Patterns	Observer, WCAG
Operating Systems	Oracle Solaris
UI/UX/Wireframing	Responsive Design
Other Technical Skills	Astro (1 yr.), Cross-browser Compatibility

WORK EXPERIENCE

Sr. Frontend Engineer (Contract) - Protegrity USA (GenAI Chat Application)

Duration: Oct 2025 - Dec 2025

Summary:

- Built a production GenAI chat platform featuring real-time Server-Sent Events (SSE) streaming and full WCAG 2
- 1 compliance, enabling accessible and responsive AI-driven chat experiences

Responsibilities:

- Developed the application from scratch using React 18, TypeScript, Vite, and Chakra UI.
- Architected real-time SSE streaming with optimistic UI to prevent frozen UI states in LLM-heavy workflows.
- Created a WCAG 2.1-compliant component library including drag-and-drop upload, markdown rendering, and LaTeX math support.
- Established a Jest-based testing architecture with custom hooks, context providers, and TypeScript interfaces.

Technologies: React 18, TypeScript, Vite, Chakra UI, Jest, SSE streaming, WCAG 2.1

Sr. Frontend Engineer (Contract) - RecallMasters (Online Reporting Application Migration)

Duration: Jan 2025 - Jun 2025

Summary: Migrated the Online Reporting application from Vue 2 to Vue 3 to improve runtime performance and accessibility compliance, enhancing user experience and maintainability.



Responsibilities:

- Migrated 100% of Vue 2 components to Vue 3 using custom codemod scripts.
- Reduced component duplication by over 40% through architecture standardization.
- Maintained Jest test suites throughout migration to ensure zero regressions on core business logic.

Technologies: Vue 2, Vue 3, Jest, Codemod scripts

Sr. Frontend Engineer (Contract) - Home Franchise Concepts (Website Redesign and Performance Optimization)

Duration: May 2024 - Nov 2024

Summary: Delivered a complete site redesign improving Core Web Vitals and developed an AstroJS proof-of-concept homepage outperforming the existing React implementation in key performance metrics.

Responsibilities:

- Implemented a site redesign using Storybook v8 design system.
- Improved Core Web Vitals metrics such as LCP and CLS over legacy implementation.
- Built an AstroJS proof-of-concept homepage demonstrating superior performance compared to React.

Technologies: Storybook v8, AstroJS, React

Sr. Fullstack Engineer (Contract) - Art + Logic (Frontend Systems Architecture for Multiple Clients)

Duration: Oct 2023 - May 2024

Summary: Architected frontend systems for multiple concurrent client engagements, enhancing code quality and testing standards across diverse technology stacks.

Responsibilities:

- Designed frontend architectures using Next.js 14, Angular 16, and Vue.js 3 for 4+ client projects.
- Developed and maintained Jest unit and integration tests, reducing compliance-related bugs.
- Mentored junior developers and established code review and testing standards across client teams.

Technologies: Next.js 14, Angular 16, Vue.js 3, Jest

Sr. Software Engineer (Contract) - TrustWave (Enterprise Security Platform Migration)

Duration: Jan 2022 - Jun 2022

Summary: Led the migration of the Content Glass enterprise security platform from Angular v9 to v13, ensuring zero downtime and maintaining full test coverage.

Responsibilities:

- Led Angular migration from version 9 to 13 with zero downtime and zero regressions.
- Maintained full Jest and Karma test coverage throughout the migration cycle.



Technologies: Angular v9-v13, Jest, Karma

Sr. Software Engineer / Angular Migration SME (Contract) - First American Title (Real Estate Transaction Platform Angular Migration)

Duration: Mar 2021 - Nov 2021

Summary: Led Angular migration from v8 to v12 for a high-volume real estate transaction platform, maintaining accessibility compliance and system stability.

Responsibilities:

- Led Angular migration from version 8 to 12 for a platform supporting billions in annual real estate transactions.
- Migrated primary application and independent component library.
- Ensured full Section 508 and WCAG 2.1 compliance throughout migration.

Technologies: Angular v8-v12, Section 508, WCAG 2.1

Web Engineer - Amazon Web Services (Internal AWS Security Tooling SPAs)

Duration: Nov 2019 - May 2020

Summary: Owned the full frontend lifecycle for multiple internal AWS security tooling single-page applications used by global infrastructure teams.

Responsibilities:

- Developed applications using AngularJS, ReactJS, and Amazon Polaris design system.
- Implemented Jest test suites to ensure reliability of AWS infrastructure dashboards.
- Served as sole frontend engineer for the internal AWS security team.

Technologies: AngularJS, ReactJS, Amazon Polaris, Jest

Software Engineer / Frontend Developer - Appnovation (CMS for National Veterinarians Association)

Duration: 2020

Summary: Built a content management system for the National Veterinarians Association using modern React-based frameworks to enable efficient content updates.

Responsibilities:

- Developed CMS using TinaCMS, GatsbyJS, and RedwoodJS.

Technologies: TinaCMS, GatsbyJS, RedwoodJS

Software Engineer - Jack Henry & Associates (Build Pipeline Modernization)

Duration: 2018

Summary: Modernized the build pipeline to Webpack 4 and introduced Jest as the primary testing framework to improve build efficiency and test reliability.

Responsibilities:

- Upgraded build pipeline to Webpack 4.
- Introduced Jest as the primary testing framework.



Technologies: Webpack 4, Jest

Frontend Engineer - Nike, Inc. (Proprietary CMS Development)

Duration: 2016

Summary:

- Developed a proprietary content management system using AngularJS 1.5 with comprehensive test coverage to support Nike's digital content needs

Responsibilities:

- Built CMS using AngularJS 1.5.
- Implemented full Karma, Jasmine, and Protractor test coverage.

Technologies: AngularJS 1.5, Karma, Jasmine, Protractor

Frontend Engineer - Tillster, Inc. (Pizza Hut Mexico SPA)

Duration: 2015

Summary: Delivered a single-page application for Pizza Hut Mexico serving millions of users, integrating Google Geolocation API for enhanced user experience.

Responsibilities:

- Developed SPA with Google Geolocation API integration.

Technologies: JavaScript, Google Geolocation API

Frontend Engineer - Intuit (TurboTax Federal Deductions Guide Responsiveness and Accessibility)

Duration: 2014

Summary: Made the TurboTax Federal Deductions Guide fully responsive and compliant with accessibility standards to serve millions of users effectively.

Responsibilities:

- Implemented full responsive design and accessibility compliance.

Technologies: Responsive Design, Accessibility Compliance

Full-stack Developer - Nokia / HERE.COM / Trapster (Trapster.com Development)

Duration: 2014

Summary:

- Performed full-stack development of trapster.com, a community-based traffic and road hazard reporting platform, using BackboneJS, Node.js, and AWS Elastic Beanstalk



Responsibilities:

- Developed frontend with BackboneJS and backend with Node.js.
- Deployed and managed application on AWS Elastic Beanstalk.

Technologies: BackboneJS, Node.js, AWS Elastic Beanstalk

EDUCATION

- **Stanford University**
B.A. Economics | D1 Student-Athlete (Football, Scholarship)

CERTIFICATION

- **JavaScript / ES6 Expert - Pluralsight**
Aug 2021
- **Angular Expert - Pluralsight**
Jul 2022

