

Cohen Henderson

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SUMMARY

Senior **full stack** software engineer with 10 years of experience building **healthcare operations** and enterprise software across long lived platforms. Leads Angular 17 and TypeScript modernization, Java and J2EE services, AWS integrations, database backed workflows, and production support from architecture through delivery. Partners closely with product, design, QA, DevOps, and backend engineering teams to turn system dependencies into clear technical decisions. Delivers component based interfaces, **reactive programming** patterns, resilient cloud workflows, scalable APIs, automated testing, and CI/CD improvements. Mentors engineers through pairing and code review, documents designs, and applies **AI powered development tools** for controlled implementation, refactoring, testing, and code quality. Brings practical judgment to complex cross functional projects and dependable healthcare supply chain outcomes.

EXPERIENCE

Senior Full Stack Software Engineer

January 2023 - Present

CareBridge Commerce Systems

Raleigh, NC

Leads **healthcare supply chain software** across Angular interfaces, Java services, AWS messaging, and operational data stores. Guides architecture, delivery, production support, mentoring, and cross functional decisions for long lived platforms.

- Led healthcare supply workflows across Angular, **Java**, AWS messaging, and operational data stores
- Modernized long lived frontend architecture with **Angular** 17 and reusable **TypeScript** components
- Designed J2EE services on ECS and Lambda for resilient cloud workflows
- Diagnosed browser, queue, **Elasticsearch**, MongoDB, and MySQL dependency failures
- Strengthened **CI/CD** gates with automated tests and AI assisted refactoring workflows
- Mentored engineers through pairing and review across product, QA, DevOps, and engineering

Software Engineer III

August 2020 - December 2022

BluePeak Health Logistics

Durham, NC

Delivered healthcare procurement capabilities across reactive Angular applications, Java and J2EE services, AWS workloads, and searchable operational data. Coordinated release dependencies with product, QA, DevOps, and service teams.

- Delivered healthcare procurement features with Angular, **TypeScript**, Java, and **J2EE** services
- Built reactive order interfaces with reusable components for exception workflows
- Implemented Java APIs backed by MySQL, MongoDB, and Elasticsearch search
- Extended **AWS** workloads using **EC2**, S3, SES, SQS, and Lambda
- Improved **CI/CD** checks across automated builds, tests, and **Agile** deployments
- Coordinated production dependencies with product, QA, DevOps, and service teams

Software Engineer II

June 2018 - July 2020

Meridian Clinical Software

Greensboro, NC

Developed healthcare interfaces and backend services within a growing platform portfolio. Improved shared UI structure, persistence boundaries, testing workflows, **performance** diagnosis, documentation, and **Scrum** delivery practices.

- Developed **Angular** features connecting healthcare interfaces with Java and J2EE endpoints
- Refactored shared UI modules into reusable components and reactive data flows
- Built Java services with **MySQL** persistence and validation boundaries
- Investigated performance through browser, application, and database evidence
- Added unit and integration tests within **CI/CD** delivery workflows
- Documented feature behavior, service contracts, and deployment considerations for operations

Software Engineer

June 2016 - May 2018

Oakline Enterprise Applications

Charlotte, NC

Built enterprise web capabilities using Angular, TypeScript, Java, relational databases, and AWS hosted environments. Supported architecture patterns, testing, deployments, peer review, and Agile product delivery.

- Built enterprise web features using **Angular**, **TypeScript**, Java, and relational databases
- Implemented reusable frontend components under established **architecture** patterns
- Developed Java service logic with SQL backed data access
- Supported AWS hosted environments through logs, deployments, and configuration
- Added automated tests and resolved **QA** and support defects through review
- Communicated technical tradeoffs during Agile and Scrum **product** cycles

PROJECTS

Healthcare Supply Workflow Modernization 📅 2024

Quiet improvements matter in healthcare. Modernized Angular 17 workflows, Java services, AWS messaging, and data boundaries for dependable supply operations.

AI Assisted Delivery Controls 📅 2025

Good automation leaves room for judgment. Applied AI powered development tools across testing, refactoring, review, and controlled code quality workflows.

LEADERSHIP & AWARDS

- Technical mentor recognized by engineering peers for thoughtful pairing and practical code review guidance.
- Architecture contributor selected for cross functional healthcare platform modernization initiatives.
- Delivery leader trusted with complex production support and long lived platform decisions.

EDUCATION

Bachelor's Degree in Computer Science

2016

North Carolina State University GPA: 4.0

Raleigh, NC

Coursework: Software architecture, database systems, web development, algorithms

CERTIFICATIONS

- AWS Certified Developer Associate 📅 2024
- Microsoft Learn Advanced Web Development Learning Path 📅 2025

TECHNICAL SKILLS

- **Frontend Development:** Angular 17+, TypeScript, Reactive programming
- **Java Platforms:** Java, J2EE, Java APIs
- **AWS Compute:** EC2, ECS, Lambda
- **AWS Messaging:** SNS, SQS, SES
- **AWS Storage:** S3, Cloud storage, Object storage
- **Databases:** MongoDB, MySQL, Elasticsearch
- **Delivery Practices:** CI/CD, Automated testing, Deployment pipelines
- **Software Architecture:** Component architecture, Design patterns, Service design
- **Agile Methods:** Agile, Scrum, Iterative delivery
- **Quality Engineering:** Unit testing, Integration testing, Code review
- **Performance Engineering:** Scalability, Performance tuning, Resiliency
- **Development Tools:** AI powered tools, Refactoring, Developer productivity

SKILLS

- | | | | |
|---------------|------------------------|----------------------|-------------------|
| • Angular 17+ | • Reactive programming | • AWS ECS and Lambda | • CI/CD |
| • TypeScript | • AWS EC2 | • MongoDB | • Agile Scrum |
| • Java | • AWS SNS and SQS | • Elasticsearch | • Design patterns |
| • J2EE | • AWS S3 and SES | • MySQL | |

PROFESSIONAL AFFILIATIONS

- Association for Computing Machinery member, connected with software engineering practices and technical learning.
- AWS community participant, focused on cloud application architecture and dependable service delivery.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST