

Doudou Sy Gueye

Email: doudousygueye12@gmail.com | Phone: [470-359-0616](tel:470-359-0616)
Location: 300 Carpenter Dr NE, Apt A06, Atlanta, GA, 30328, USA
[GitHub](#) | [LinkedIn](#)
Languages: English, French

EDUCATION

Georgia State University College of Arts & Sciences	Atlanta, GA
Bachelor of Science in Computer Science	May 2022

EXPERIENCE

Elevance Health	Jan 2023 - Present
Software Engineer	Atlanta, GA

- In the M.E.A.T project, I designed and developed React-based dashboards connected to Spring Boot services, providing real-time monitoring and analytics that reduced operational bottlenecks by 15%.
- In the NextGen project, I built scalable React and TypeScript components integrated with Spring Boot APIs, enhancing user experience for over 5,000 employees.
- In the CORO project, I migrated legacy claims reporting modules into Angular and Spring Boot microservices, reducing report generation time from 10 minutes to under 2 minutes.
- In the CCM project, I served as the sole front-end developer integrating Genesys Cloud APIs with React/TypeScript to improve call center agent efficiency by 25%.
- Performed code reviews and implemented best practices for React, Angular, TypeScript, and Spring development to maintain high code quality.
- Utilized Angular Reactive Forms and React Hooks to build dynamic, data-driven forms with advanced validation logic, improving form completion rates by 20%.
- Enhanced CI/CD pipeline by incorporating automated testing of React, Angular, and Spring Boot components, reducing regression defects by 40%.
- Ensured secure and efficient communication between React front-end and Spring back-end using JWT authentication and

role-based access control.

- Applied advanced TypeScript features such as generics, interfaces, and decorators to enforce type safety across 50+ production components.
- Refactored existing Java services into Spring Boot microservices, improving scalability, maintainability, and API performance.
- Built and consumed RESTful APIs and microservices using Spring Boot, reducing average API response time by 30% and improving claim processing speed for 10,000+ daily transactions.
- Implemented state management solutions (Redux, Context API, Angular Services) to maintain predictable and scalable application state.
- Collaborated with cross-functional teams to migrate legacy modules into Angular and React-based applications, ensuring consistent user experience across platforms.
- Designed and developed complex, responsive user interfaces leveraging React, Angular, and TypeScript to modernize enterprise-level healthcare applications.
- Redesigned the UI for the CareMore application to streamline claim processing for employees, improving overall efficiency.
- Developed responsive web components using JavaScript and CSS based on detailed business mockups, ensuring adherence to brand guidelines.
- Collaborated in Agile sprints, contributing to sprint planning, backlog refinement, and daily standups.
- Refined UI components to enhance accessibility and performance, reducing load times.
- Integrated RESTful APIs with React using Axios to dynamically fetch and display data.
- Applied React best practices such as lazy loading and memoization to improve performance.
- Enhanced user experience with dynamic form validation and conditional rendering using React.
- Performed unit testing using React Testing Library and Jest to ensure component reliability.
- Utilized React Hooks (useState, useEffect, useContext) to manage component state and side effects, reducing reliance on class components.

HomElectrical LLC
2022

Web Developer

Sep 2022 - Dec

Kennesaw, GA

- In the Watson internal website project, I spearheaded the redesign and optimization of HomElectrical's internal platform, improving employee productivity by 18% through faster

workflows and Angular/React-driven UI components.

- Collaborated with designers and product managers to translate business requirements into Spring-powered back-end APIs and React/Angular-driven front-end solutions.
- Improved SEO and performance by optimizing Angular Universal and React Server-Side Rendering (SSR), reducing page load times by 35%.
- Integrated TypeScript-based unit and end-to-end testing for Angular and React applications using Jasmine, Karma, and Jest.
- Created RESTful APIs with Spring Boot to support Angular and React front-end components, ensuring seamless data flow and application performance.
- Designed and deployed backend services with Spring Boot, enabling secure integration of payment gateways, inventory management, and order tracking, reducing order errors by 20%.
- Developed reusable UI components in TypeScript to enforce consistency and accelerate feature development across the application.
- Built dynamic, user-friendly web pages with Angular and React, introducing modern front-end frameworks into existing e-commerce systems.
- Optimized and added new features to the company's e-commerce platform, resulting in an increase in user engagement.
- Implemented database architecture and contributed to full-stack development for internal web tools, improving team productivity.
- Collaborated with UI/UX designers to maintain design consistency and ensure high-quality user interface integrity across all web pages.
- Spearheaded development of critical features for the company's main website, improving load speed and usability.
- Designed and implemented RESTful APIs using Node.js and Express to support e-commerce functionalities.
- Built server-side logic for user authentication and session management using Node.js and middleware.
- Managed asynchronous operations with Promises and async/await in Node.js to ensure efficient API responses.
- Integrated third-party APIs for payment processing and shipping logistics into the Node.js backend.

TECHNICAL SKILLS

Languages: JavaScript (3 years), TypeScript (3 years), HTML/CSS (3 years), Bash (2 years), Java (1 year), C (1 year), C++ (1 year), PHP (2 years), SQL (3 years), Python (1 year)
Frameworks & Libraries: React (3 years), Next.js (3 years), Flask (1 years), Vue (3 years), Angular (3 years), Spring (3 years)

Tools: Git (3 years), GitHub (3 years), CI/CD (3 years), PowerShell (2 years), VS Code (3 years), MySQL (3 years), PostgreSQL (3 years), Bitbucket (1 years), Genesis Cloud (2 years)
Methodologies: Agile (3 years), Software Development Life Cycle (SDLC) (3 years), Continuous Integration (CI) (3 years)