



## SIDDHI NAVEEN

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### PROFILE SUMMARY:

- Over 8 years of experience in Full Stack Development, specialize in Java-based technologies, consistently delivering high-quality, scalable software solutions.
- Expertise in front-end development using **HTML, CSS, XML, JavaScript** frameworks such as **Vue.js, Node.js, Angular, React.js**, and **TypeScript**, alongside a strong back-end development background with **Java, Spring Boot, and Microservices** to build efficient, scalable applications.
- Designed and maintained responsive web applications using **React.js**, enhancing user engagement through the implementation of optimized and dynamic UI components.
- Developed User Interface using HTML, CSS, **Angular** for providing user interface and communication between the client and server
- Integrate **Vue.js** applications with back-end APIs, ensuring smooth data flow between the client and server.
- Strong knowledge of **TypeScript's asynchronous programming** features, including **async/await** and **Promises**, for building efficient, non-blocking applications and enhancing overall performance.
- Experience in Developing Application using frameworks **Spring Dependency Injection (DI), IOC, Aspect oriented Programming (AOP), Instrumentation, Integration, Security, Boot** and **Hibernate**.
- Used Client side **MVC** frameworks like **Angular** JS Single Page Application developments.
- Extensive expertise in **Java 17/11/8**, leveraging advanced features such as Functional Interfaces, Multithreading, Collections API, Exception Handling, Time API, and Stream API to develop efficient and robust applications. Proficient in implementing SOAP and RESTful web services for seamless data exchange, including transferring image documents across applications
- Expertise in implementing **Spring Security** to ensure robust authentication and authorization mechanisms, securing applications through advanced security protocols such as **OAuth2** and **JWT**.
- Implemented microservices architecture based on **RESTful API** using **Spring Boot** with **Spring MVC**.
- Proficient in handling messaging services using **Apache Kafka, RabbitMQ, ActiveMQ** ensuring reliable and scalable data streaming solutions.
- Expertise in working with **NoSQL** databases like **MongoDB, Cosmos DB, Cassandra** and **Couchbase** leveraging their flexibility, scalability, and ability to handle unstructured and semi-structured data for high-performance, distributed applications.
- Strong experience in working with **SQL** databases such as **MySQL and PostgreSQL**, utilizing their relational capabilities to design, optimize, and manage structured data with advanced querying, indexing, and transaction management
- Strong experience on various version control systems like **Git, GitHub, CVS** and **SVN**.
- Experienced in implementing **AWS** solutions, including EC2, S3, RDS, EBS, Elastic Load Balancer, and Auto-scaling groups, and utilizing AWS SDK to integrate with Amazon SQS for efficient bulk email **processing**.
- Extensive experience in **Azure cloud services** including **Azure Virtual Machines, Azure Functions, Blob Storage, Azure SQL Database**, and **Azure Kubernetes Service (AKS)** to build scalable, secure, and cost-effective cloud-based solutions.
- Experienced in implementing CI/CD pipelines using tools like **Jenkins, Docker, and Kubernetes, Circle-CI** automating build, test, and deployment processes to ensure continuous delivery, faster release cycles, and improved software quality.
- Proficient in using **Maven** and **Ant** for automating the build process, with Maven for dependency management and project configuration, and Ant for custom build scripts, ensuring efficient, repeatable, and reliable software builds and deployments.
- Skilled in utilizing a wide range of testing tools and frameworks including **JUnit** and **Mockito** for unit testing, **Selenium** for automated UI testing, **SoapUI** and **Postman** for API testing, **Swagger** for API documentation and validation, and **Cucumber** for behavior-driven development (BDD), ensuring comprehensive test coverage and high-quality software delivery.
- Experienced in all phases of the **Software Development Life Cycle (SDLC)**, including requirement analysis, implementation, maintenance, code reviews, and documentation, utilizing Object-Oriented Analysis and Design, with extensive experience in **Agile** and **Scrum** methodologies.

### TECHNICAL SKILLS:

**Frontend Technologies:** HTML5, CSS3, JavaScript (ES6+), React.js, Angular, Vue.js

**Backend Technologies:** Java 17/11/8/5, Nodejs, Typescript

**Java EE Technologies:** Java, RESTful APIs, Java SE, Servlet , JSP, JDBC , JPA , JMS , JAX, Junit , Hibernate

**Framework:** Spring, Spring Boot, Spring Cloud, Spring Security

**Databases:** SQL, MySQL, PostgreSQL, Cosmos DB MongoDB, MySQL, Oracle 11g, Cassandra

**Built Tools:** Jenkins, Circle CI, Docker, Kubernetes, Ansible, Ant, Maven

**Cloud Services :** AWS, Azure

**Agile Methodologies :** Scrum, Kanban, JIRA, Trello

**Testing:** JUnit, Selenium, SoapUI, Postman, Swagger, Mockito, Cucumber

**Tools:** Visual Studio Code, Eclipse, NetBeans, IntelliJ IDEA

**Version Control:** Git, SVN, CVS

## PROFESSIONAL EXPERIENCE

**Client:** CyncHealth, Lincoln, NE

**Jul 2023 - Present**

**Role:** Java Full Stack Developer

**Description:** Patient Data Integration Platform focused on designing and developing an advanced healthcare integration and optimization platform for CyncHealth. This platform consolidates patient data from hospitals, clinics, and pharmacies, ensuring smooth data exchange across various healthcare systems. It enables healthcare professionals to access real-time, comprehensive patient information, enhancing decision-making capabilities. With a secure cloud-based infrastructure, the platform improves data accessibility and streamlines healthcare workflows.

### **Responsibilities:**

- Developed dynamic, responsive user interfaces using **ReactJS**, ensuring high performance and seamless navigation within the application through **React Router** for efficient client-side routing.
- Implemented **React Hooks** such as **useState** and **useEffect** to manage state and handle side effects, improving code maintainability and performance by reducing the complexity of class components.
- Ensured smooth handling of dynamic data in real-time applications by integrating APIs and utilizing **React Router** for conditional rendering based on fetched data.
- Developed and integrated **Vue.js-based microfrontends** to decompose large applications into smaller, independently deployable components, ensuring improved scalability, maintainability, and seamless compatibility with existing monolithic systems
- Integrated **RESTful APIs** to fetch and display real-time data, ensuring smooth communication between the front-end and back-end services to enhance user experience.
- Designed and developed **microservices-based architecture** using **Core Java 17** and **Spring Boot**, enabling scalable and maintainable backend solutions for diverse business requirements.
- Built efficient and secure **RESTful APIs** and integrated **GraphQL** endpoints to facilitate seamless communication between microservices, improving system flexibility and performance.
- Designed and implemented robust **authentication and authorization mechanisms** using **OAuth2** and **JWT** for secure access to sensitive data and resources across distributed systems.
- Implemented **Kafka** for real-time messaging and queueing between microservices, enabling efficient communication and asynchronous data processing.
- Integrated **PostgreSQL** and **MongoDB** databases for structured and unstructured data storage, ensuring high availability and performance for backend services.
- Design and build scalable, reliable, and secure cloud architectures using **AWS services** like **EC2** and **IAM** to ensure optimal performance, security, and access control.
- Developed and tested REST/JSON Web Services using Node.js and TypeScript, deployed on **AWS Lambda** and **ECS Fargate**.
- Configured and managed CI/CD pipelines with **Jenkins**, automating build, test, and deployment processes.

- Developed and maintained automated tests using **JUnit**, **Mockito**, and **Postman** for unit and integration testing, ensuring high code quality and reliable service delivery.
- Applied **Postman** for API testing and validation, ensuring API endpoints were working as expected and meeting performance standards.
- Adopt **Agile** methodologies by actively engaging in sprint planning, daily standups, and code reviews to ensure the consistent delivery of high-quality software throughout the development cycle.

**Client: Kaiser Permanente, Dublin, CA**

**Oct 2022 - Jun 2023**

**Role: Java Full Stack Developer**

**Description:** Kaiser Permanente provides access to high-quality healthcare, innovative programs, and health solutions. Responsibilities included designing, coding, testing, debugging, and maintaining software applications using Java technologies. Implemented RESTful web services, integrated JMS with Spring Boot, and developed CI/CD pipelines using Docker, Jenkins, and AWS. Enhanced microservices security with OAuth2 and JWT. Actively collaborated with cross-functional teams, demonstrating excellent team collaboration, problem-solving, and analytical skills.

**Responsibilities:**

- The redesign and optimization of the Staples e-commerce platform, focusing on improving customer experience and **Developed and maintained responsive web applications** using **Angular** and **TypeScript**, improving user engagement by implementing optimized UI components and ensuring seamless user experience across multiple devices and browsers
- Developed optimized and reusable UI components, increasing application performance and maintainability.
- Utilize **RxJS** to observe and respond to **Angular Router events**, enabling efficient management of navigation states, smooth route transitions, and dynamic handling of loading indicators to enhance the user experience
- Developed reactive service layers using **RxJS** to fetch, transform, and synchronize data from RESTful APIs dynamically
- **Managed authentication and authorization** using **JWT** (JSON Web Tokens) in conjunction with **Angular Guards** to ensure secure access to routes and APIs.
- **Integrated RESTful APIs** and handled HTTP requests using **Angular HttpClient** to manage data fetching, updating, and deletion from the back end.
- **Designed and built microservices architecture** using **Core Java 11** and **Spring Boot**, providing scalable, maintainable backend solutions tailored to meet diverse business needs while ensuring long-term flexibility and efficiency
- **Implemented Spring Security** for authentication and authorization, utilizing **JWT** (JSON Web Tokens) and **OAuth 2.0** to ensure secure communication and access control in enterprise-level applications.
- Integrated applications for web-based environment using Service-Oriented Architecture (**SOA**), facilitating seamless data exchange and interoperability. Designed and developed **microservices** with **Spring Boot** and **Spring REST**
- Implemented **RESTful Web Services** in **Spring Boot** to consume and produce **JSON/XML** data from endpoints.
- Implemented **RabbitMQ** for real-time messaging and asynchronous communication between microservices, optimizing data flow and ensuring efficient, scalable message processing across distributed systems
- **Ensured data consistency and integrity** in both **MySQL** and **Cassandra** by implementing robust database constraints, validation checks, and synchronization mechanisms across microservices.
- Integrated **AWS Lambda** functions to enable serverless computing for specific tasks such as processing asynchronous jobs or event-driven architecture
- **Automated build and deployment pipelines** using **Docker** and **Maven**, ensuring efficient and consistent delivery of applications across development, testing, and production environments
- Implemented Test Driven Environments used **JUnit**, **Mockito**, **Sonar** for Unit testing.

**Client: Staples, Framingham, MA**

**Aug 2020 - Jul 2022**

**Role: Java Full Stack Developer**

**Description:** Led streamlining the checkout process. The project included upgrading the user interface with modern frontend technologies like ReactJS and implementing microservices for backend scalability. Implemented server-side rendering (SSR) for faster page loads and a seamless user experience. Integrated payment gateway systems and real-time inventory updates to ensure customers had access to the most up-to-date product availability.

## Responsibilities:

- Developed various screens for the front end using **ReactJS** and used reusable components to promote code modularity and maintainability.
- Developed a front-end application using **ReactJS** and **FLUX** to build single-page applications (SPAs) with multiple views for faster loading times and smoother user interaction.
- Integrated **React Router** to enable seamless navigation across multiple views within the single page application, enhancing user experience with intuitive routing
- Integrated frontend applications with backend services through **RESTful APIs**, ensuring efficient data flow and real-time updates for a smooth user experience.
- Developed applications using **Spring Boot, Java 8, Hibernate**, and **RESTful Web Services**.
- **Implemented secure authentication and authorization** using **JWT (JSON Web Tokens)** in Node.js, ensuring protected routes and maintaining a secure user session in the web application.
- Implemented microservices architecture to create smaller, independent applications with **REST** using Jersey and enabled **OAuth**.
- Participated in various **SDLC** phases including requirement gathering, design, analysis, and code development.
- Integrated ActiveMQ for messaging and queue management, enabling asynchronous communication between microservices.
- Integrated and managed database operations with Node.js, using **MySQL** and NoSQL databases **Cosmos DB** ensuring data persistence and supporting complex query operations.
- Leveraged **Azure Blob Storage, Azure SQL Database, and Cosmos DB** to implement efficient and secure data storage solutions, improving scalability and reliability for data-heavy applications.
- **Implemented CI/CD pipelines using Kubernetes**, automating the build, test, and deployment process to ensure faster and more reliable software delivery across development, staging, and production environments on Kubernetes clusters.
- **Participated in API testing** using tools like **Postman** automated testing frameworks **Mocha** ensuring high-quality and bug-free API functionality.
- Utilized tools like Log4j for logging and **JUnit** for unit testing to maintain code quality.

**Client: Vytalize Health, Hoboken, NJ**

**May 2019 – Jul 2020**

**Role: Java Developer**

**Description:** An automated patient appointment and scheduling system to streamline appointment bookings and improve operational efficiency. The system allowed patients to book, reschedule, and cancel appointments via a web portal or mobile app. Integration with healthcare providers' calendars enabled real-time scheduling updates. The solution led to better resource management, reducing appointment no-shows and optimizing the use of healthcare professionals' time. a.

## Responsibilities:

- Experience in User Experience (**UX**), designed and developed User Interactive (**UI**) Web Pages and visually appealing User Interfaces using **Typescript** and **React.js**.
- **Implemented WebSocket connections** using libraries like **Socket.IO** to provide real-time communication and improve user experience by enabling instant updates without needing to refresh the page.
- Implemented the **RESTful** web service to load the **JSON** files into database and used **SOAP UI** to test the web services application.
- Implemented **RESTful Web Services** in **Spring Boot** to consume and produce **JSON/XML** data from endpoints
- Developed multi-threaded synchronization processes, with **JMS** queues for Asynchronous request consumption.
- Designed and managed **NoSQL** databases using **MongoDB**, ensuring scalability and flexibility to handle the diverse data type.
- Developed complex aggregation pipelines and indexing strategies in **MongoDB** to optimize the data retrieval and processing performance.
- Deployed applications on **AWS** utilizing services such as **EC2, S3, RDS** to ensure scalable and resilient infrastructure
- Implemented Continuous Integration, Continuous Delivery (**CI/CD**) for end-to-end automation of release pipeline using **DevOps** tools like **Jenkins**. Created **Docker** containers and images, and deployed code using **Docker** and **AWS** services.
- Conducted through unit and integration testing using **Junit** and **Mockito** to ensure code Quality and reliability

- **Collaborated on Agile development teams**, participating in sprint planning, code reviews, and continuous improvement of the development lifecycle to ensure high-quality, timely deliveries.

**Client: HCL Technologies Pvt Ltd, Bengaluru, India**

**March 2019 – April 2021**

**Role: Software developer**

**Description:** Leading Financial Services Provider Involved migrating a financial services client's CRM from Salesforce Classic to Lightning Experience to improve user interface, streamline sales processes, and enhance reporting capabilities. Custom Lightning components and automated workflows were implemented to boost productivity, while third-party integrations were seamlessly optimized. Post-migration, comprehensive training and support were provided to ensure a smooth transition for users.

**Responsibilities:**

- Created interactive and dynamic pages in Salesforce using Visualforce and Lightning Web Components (LWC), combining HTML for structure, CSS for design, and JavaScript for interactivity.
- **Built custom Salesforce pages and components** by embedding **HTML** forms and leveraging **JavaScript** for client-side logic, such as dynamic content rendering, form validation, and user input handling.
- **Designed and developed custom applications** on the **Salesforce Platform** using **Apex**, **Visualforce**, and **Lightning Web Components (LWC)** to meet business requirements and enhance functionality.
- **Created and optimized integrations** with external systems using **RESTful** and **SOAP APIs**, allowing real-time data exchange between Salesforce and third-party applications.
- **Utilized Java frameworks** such as **Spring Boot** to create custom RESTful services that interact with Salesforce, ensuring smooth API integrations and efficient data handling
- **Implemented custom objects, fields, and relationships**, ensuring Salesforce is aligned with business processes and providing an optimized data model.
- **Managed deployment processes** using **Salesforce CLI**, **Change Sets**, and **ANT Migration Tool**, facilitating smooth transitions across environments (development, testing, production).
- Conducted extensive **unit testing**, **integration testing**, and **user acceptance testing (UAT)** to ensure that the Lightning implementation met the client's requirements and was free of errors

**Education**

**Saint Louis University**  
*Master of Science in Information Systems*

**Saint Louis, MO, USA**  
*Dec-2024*

**Certifications**

- Aws Certified Solution Architecture.
- Microsoft certified:AZ-900
- Salesforce certified AI Associate