

# SAINATH

Full Stack Web Developer



United States



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- **3+ years** of experience as a Full Stack Web Developer using **Java** and also as a **Teaching Assistant**.
- **2+ years** of working professional experience as a **Full Stack Java Developer** to develop web applications using **React Framework** in **microservices** architecture from **design** to **deployment** phase.
- Highly skilled and experienced in **HTML**, **CSS**, **SaaS**, and **JavaScript** with **ES6+** features, with a deep understanding of front-end web development principles.
- Experienced in leveraging **CSS** frameworks such as **Bootstrap** and **Tailwind CSS** to streamline and expedite front-end development processes. And **Material-UI** for building applications using **React**.
- Experience with **Webpack** and **Babel** for optimizing code and enabling modern JavaScript features.
- Proficient in **Adobe XD** and **Figma** for translating wireframes into user-friendly interfaces.
- Good knowledge in writing React applications using **TypeScript**. And experience with **Next.JS** for Server-side rendering.
- Proficient in leveraging **React's virtual DOM** and **component lifecycle** to build fast and efficient user interfaces. Skilled in utilizing **Redux** and **Context API** for state management and **React Router** for navigation.
- Utilized **React Hooks** to leverage state and other React features without writing class components, leading to cleaner and more concise code. Handled **asynchronous data** requests and responses efficiently with **promises** and **async/await**.
- Experience in **Nodejs** and its framework **Express JS** to build small Rest APIs and get data from Databases.
- Experience in creating **Rest APIs** using **Java** using **Spring** framework in **microservices** architecture.
- Experience in working with Distributed Messaging Systems like **Kafka** and Experience in working with in-memory caching systems like **Redis**.
- Experience in working with **Git** and **GitHub** for version control and Strong skills in using **Visual Studio Code** and **Eclipse** IDEs for web development.
- Experience in working with **SQL** (i.e., **MySQL**, **POSTGRESQL**) and **NoSQL** (i.e., **MongoDB**) databases.
- Proficient in utilizing **AWS** services, such as **EC2**, **S3**, **Lambda**, **RDS**, and **DynamoDB**, to build cloud-native applications with high availability and fault tolerance.
- Proficient in configuring and customizing **Jira** workflows, issue types, and bug tracking.
- Proficiently orchestrated containerized application deployment using **Docker** and managed scalable, resilient microservices architecture with **Kubernetes**.
- Experience with software test automation, including **TDD** and **Unit Testing** Frameworks such as **Telerik UI Test Automation**, **JUnit**, **Jest**, and **Mock**.
- Experience with **Jenkins** which helps to automate application build process and create a continuous delivery pipeline.
- Experienced in **Agile** development practices, contributing to effective sprint planning and team coordination.
- Strong problem-solving skills with the ability to identify and resolve technical issues to optimize application performance and user experience.
- Excellent communication and problem-solving skills, with good work ethics and a proactive team player with a positive attitude.

## SKILLS

- C, C++, Java, Golang, and Python
- HTML, CSS, JavaScript, ES6, Babel
- Tailwind CSS, Bootstrap, Material-UI
- React, React Hooks, Redux, React-Native, Next.js
- Node.js and Express.js
- Java, Servlets, JSP, Spring, Spring boot, and hibernate.
- Eclipse, Visual studio code
- Git, GitHub, Jenkins, Jira
- REST API, Apache Kafka
- MySQL, PostgreSQL, MongoDB
- Windows, Unix, Linux
- Junit, Postman, Jest
- AWS, EC2, S3, Lambda, RDS and CloudWatch

## PROFESIONAL EXPERIENCE

Southern Illinois University Edwardsville, IL, USA

Sept 2021 – May 2023

### Teaching Assistant

I worked as a Teaching assistant from the start of my semester (Sep 2021). During these two years I taught a group of students and worked on student projects to explain and fix bugs in those projects using java and Golang.

### Responsibilities:

- Worked on web applications projects to clarify student doubts on **Frontend** technologies and **Backend** technologies.
- Taught a class of 30 students in programming languages like **Java**.
- Supported faculty clerical needs in computer science department by preparing class materials.

**Full Stack Java Developer**

Ayagan is one of the top IT services companies in Dublin, Ireland. I worked on an E-commerce project for one of the clients in Ayagan.

**Responsibilities:**

- Worked as per **Agile Methodology** (Scrum) to meet customer expectation, timelines with quality deliverables.
- Developed and maintained front-end components and user interfaces for the E-commerce platform using **Next.js** framework of **React.js**, ensuring **Server-side rendering** and high performance.
- Collaborated with **UX/UI** designers to implement pixel-perfect **designs** and **create** an intuitive and seamless user experience for customers.
- Implemented state management using **React Hooks** and **Redux**, efficiently managing complex application states across different components. And **React router** for client-side routing.
- Ensure secure communication between the frontend and backend using **HTTPS**.
- Integrated with back-end **APIs** using **Axios** and **Fetch API** to fetch and display product data, cart details, and user information.
- Built robust and efficient **RESTful APIs** using **Node.js** and **Express.js** to serve data to the front-end application. Implemented **API endpoints** for product retrieval, user authentication, and order processing.
- Developed **Restful APIS** using **Java/J2EE**, **Spring** and **Hibernate** frameworks for each **Microservice**.
- Deployed applications on **AWS**, leveraging services like **EC2**, **S3**, **RDS**, and **Lambda** for scalable and cost-effective solutions.
- Created **Docker** images using a **Docker** file, worked on Docker container snapshots, removing images. And used go to develop Container platform for **Kubernetes**.
- Tested Restful Web Services using **Postman** Rest Client to interact with different applications from third-party tools.
- Used **Maven** as build tool and **Jenkins** for CD/CI deployment process and used **GIT** for version management.
- Used **Kafka** for publish/subscribe pattern in application dealing with messaging.
- Utilized **Jest** and **Enzyme** for unit testing **React** components, ensuring code reliability, and **JUnit** for **Java unit testing**.
- Used **JIRA** to keep track of bugs to reduce downtime, increase productivity, and Communication.
- Troubleshooting production issues and working with team members to effectively resolve problems that may impact multiple platforms.

**Srisys INC., Hyderabad, Telangana, India****Mar 2019 – Feb 2020****Software Developer**

I worked for a project which delas with the financial services. The main aim of the project is to design, develop and configure components and solutions for the new requirements or existing system enhancements.

**Responsibilities:**

- Participated in **Agile Scrum methodology** for application development.
- Developed and maintained responsive and interactive user interfaces using **React.js**. And utilized **HTML5**, **CSS3**, and **CSS** preprocessors (**Sass**) for styling and layout.
- Contributed to UI mockups and prototypes using **Adobe XD** and **Figma** for consistent design.
- Implement state management using **Redux** and **React Context API** to handle global application state.
- Worked closely with backend developers to integrate **RESTful APIs** into the React application using **Axios** and **Fetch API**.
- Utilized charting libraries like **D3.js** and **Chart.js** to visualize financial data, trends, and performance metrics.
- Integrated user authentication and authorization using technologies like **JWT** to ensure secure access to financial data and features.
- Involved in implementing the **Micro Services** based on **Restful API** utilizing **Spring Boot** with **Spring MVC**.
- Used **Redis** for frequent queried tasks. And containerized the services using **Docker** files and deployed them into the **Kubernetes** cluster.
- Integrated **Jenkins** to **Git** where the build triggers automatically when we push a pull request for **CI/CD**.
- Used **JUnit** and **Jest** for unit testing, integration testing and production testing.
- Deployed the microservices in **AWS** using AWS services like **Lambda**, **RDS**, **DynamoDB**, **EC2**, **S3**, and **Cloud watch**.
- Used **JIRA** to assign, track, report and audit the issues in the application.

**EDUCATION**

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**Master of Science in Computer Science,**

Southern Illinois University Edwardsville, IL, USA

**Aug 2021 – May 2023****Bachelor of Technology in Computer Science,**

TKR College of Engineering and Technology, Hyderabad, Telangana

**Aug 2017 – July 2021**