

# RAJA SEKAR H

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## Summary

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Software Developer with 1.5+ years of building in **full-stack development, DevOps automation, and clean architecture design**. Demonstrated success in modernizing legacy systems and creating **automation frameworks that cut manual efforts by 40%** while improving overall pipeline efficiency. Adept in **JavaScript, SQL, Node.js, Java, Python** and **Smart Contract Development (solidity)**, I excel at delivering scalable, high-quality solutions that directly align with business requirements.

## WORK EXPERIENCE

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Zoho Corporation

Member of Technical Staff

Jun 2023 – Present

- **Automation Framework Development** : Engineered an end-to-end testing tool that **reduced manual testing efforts by 40%** and accelerated CI/CD pipeline execution. Designed and released an abstraction layer using Playwright APIs (distributed as an NPM package) to automate recurring testing tasks, ensuring consistency and efficiency across projects.
- **Architecture & Enhancing Code Quality**: Implementation of standardized contracts and a **clean architecture model for Zoho Desk's platform library**, significantly improving maintainability and scalability across modules. Authored a Node.js library that integrated ESLint with SonarQube, resulting in a **25% drop in code quality issues reported during CI/CD checks**.
- **Streamlining Processes & Deployment**: Optimized pre-commit workflows by developing custom plugins that enforce coding standards, **cutting manual review time by 15%**.

Zoho Corporation

Project Trainee

Oct 2022 – May 2023

- **System Architecture Enhancement**: Implemented architectural improvements that contributed to a measurable increase in system stability and user satisfaction. Revitalized Zoho Desk's infrastructure by identifying and resolving critical performance bottlenecks, leading to a more responsive and robust system.
- **Framework Enhancements**: Contributed to the evolution of Zoho Desk's architecture and framework by addressing key design challenges and optimizing structural constraints.

## Skills

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- **Programming Languages**: JavaScript, Java, Python
- **Databases**: MySQL
- **Frameworks**: React, Spring Boot, Redis, Playwright, Jest, Junit and etherJs
- **Tools**: Git, SonarQube, ESLint, Docker and Jenkins.
- **Development Practices**: Agile methodologies, RESTful, TDD, BDD, REST APIs, Fitness Functions, Blockchain and DApps.
- **Cloud Platforms**: AWS - S3, CI/CD Pipelines

## PROJECTS

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Asset Tokenization Platform (Github link - [client](#), [server](#))

Dec 2024

- **Innovative Blockchain Development**: Designed and implemented a blockchain-based platform for asset tokenization using React on the frontend and Spring Boot on the backend. Ensured a secure and robust solution through comprehensive testing and adherence to best security practices. Integrated ethers.js to facilitate efficient smart contract interactions for token creation and burning.
- **Modular, Scalable Design**: Applied **Layered Architecture principles to construct a modular system** that decreased development cycle times by 25%, enabling rapid feature additions and maintenance. Documented design patterns and integration strategies to support long-term scalability and team collaboration.

## EDUCATION

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Kumaraguru college of Technology

Bachelor of Mechanical Engineering

Cumulative CGPA: 8.66/10;

**Relevant Coursework**: Included hands-on projects in systems engineering, process optimization, and design methodologies that fostered a strong foundation in problem-solving and analytical thinking.

Coimbatore, INDIA

Aug 2019 - April 2023