

Shivaradhan Konda

+1 702-706-5007 ✉ kshivaradhan@gmail.com

Fully work authorized • No VISA sponsorship required • Open to Relocation

Professional Summary

- 3+ years IT administrative experience in Java/J2EE and NodeJS for client-server applications.
- Proficient in Agile and Waterfall methodologies and CI/CD model.
- Skilled in responsive design with Jakarta Struts, React.js, AngularJS, Spring MVC, Spring Boot, and STS
- Expertise in micro services architecture development, deployment, and monitoring
- Implementation knowledge of Core Java design patterns, MVC Paradigm, and object-oriented principles
- Strong background in version control (GIT) and build tools (Maven, Jenkins)
- Full project development life cycle experience, including Requirements analysis to Maintenance support.

Technical Skills

Design skills and tools: UML, OOAD, Design patterns, Business Delegate, DAO

Languages: Java, Python, Shell, HTML/CSS, JavaScript, Typescript, SQL

Web Technologies: HTML, CSS, SCSS, Bootstrap, XML, JQuery, ReactJS, NestJS, NextJS, NodeJS, WordPress.

Frameworks/ Libraries: Spring Boot, spring, cloud, Tailwind, Spring Security, Hibernate, Django

Architectures: Micro services, RESTful APIs

OS and Tools: Linux, Docker, AWS, Maven, Jenkins, Git, Jira

Databases: PostgreSQL, MySQL, MongoDB, Firebase

IDE: Eclipse, Visual Studio Code

Experience

Northwest Missouri State University

Graduate project

Jan 2023 – Mar 2023

Maryville, MO

- Worked on web application called Northwest conference for faculty and students at the University.
- Designed and implemented NodeJS server for singular to both Web and Mobile platform which cut dev time by 1/2.
- Implemented Cross cutting concerns like logging and declarative transaction management using Spring AOP.
- Handled work in bringing down the running time of the project by 40% and able to complete the update features for the project in 1 month with deadline of 2 months.
- Shift to implement React Native instead of native development for iOS and Android, resulting in a remarkable 30% reduction in development time, a 40% decrease in required developers, and an overall 25% increase in project efficiency.

Cognizant

Software Engineer – Full Stack

Jan 2020 – Mar 2022

remote, India

- Developed several Restful API web services which produces both XML and JSON to perform tasks, leveraged by both web and mobile applications.
- Developed application using spring core module and POJO's using Eclipse and worked on Messaging service
- Worked with Micro service architecture using Spring Boot and Spring Cloud to modularized code and implemented Rest API's using Feign Client and integrated Swagger API for documentation.
- Worked on Forms, Events, Keys using react components and tested APIs using Postman tool.
- Implemented unit test for testing React components with frameworks using Jest.
- Contributed in authentication module for a spring boot based application using spring Security
- Created functions and assigned roles in AWS Lambda to run python scripts, and AWS Lambda using java to perform event driven processing.
- Used Jenkins for continuous integration and Maven for building the EAR file.
- Deployed and tested different modules in Docker containers and Git.
- Built S3 buckets and managed policies for S3 buckets and used S3 buckets and Glacier for storage and backup on AWS.
- Automated multiple workflows of regression and system testing cycles using Python, increasing efficiency by 30%.
- Written complex server backup scripts for CRON jobs.
- Followed Agile and Scrum software methodology for project development and deployment purposes.

- Assisted in front end factorization using ReactJS and Web pack to refactor the website's frontend and increasing the speed down by 43% and reduce the network transaction by 57%.
- Designed the HR workflow dashboard which will fit 70% of content in a clean and readable making 2x fast workflow.
- Design and development of a real-time notification system using NestJS and Socket IO NGINX.
- Used OAuth 2.0 authentication protocol respectively for security and Authentication and integrated with Google's Firebase authentication.
- Contributed test cases and boosted the code coverage by 82% on all features using JUnit Tests.
- Written reports in SQL to generate data from 15-20 tables and optimized the queries using partitions.

Education

Northwest Missouri State University, Missouri

Master of Science in Applied Computer Science

Lovely Professional University India

Bachelor of Technology in Computer Science Engineering

Projects

Rimmind

Web /Mobile Application

An application helps users to save anything that they want to remember, just save it in the app with encryption making safe and secure.

- Encrypted Storage: Safely save sensitive information with 100% robust encryption on the client side.
- Cloud Integration: Seamlessly use Cloudflare and Cloud services for scalable and reliable storage.
- Google Authentication: Ensure secure user login with Google authentication using OAuth 2.0.
- Cross-Platform Compatibility: Enjoy a consistent experience across web (React) and mobile (React Native).
- Database Efficiency: Leverage PostgreSQL for efficient data storage, retrieval, and persistence.

Stack - [Cloudflare, NodeJS, PostgreSQL, Cloud, Docker, Google authentication, Google Drive, React, React Native]

Stream Assistant

Software service

Developed a fully costume bot to control stream software, monitor viewers, generate points, execute commands, control lighting, perform Text-Speech operations, and generate reward/donations certificates, custom alerts, etc.

- Significant improve in the stream interaction up to 55%.
- Allowed me to be 2x times productive as the program manages all the donation and other alerts.

Stack - [Python, NodeJS, EJS, Discord, Web driver, Selenium, MongoDB]

Viewer Bot

Desktop Application

With just a double click an independent instances of browsers pop out and will contribute to any Live streams, by commenting and liking the stream which will trick the algorithm to promote the stream.

- Sharing with a significant amount of people will bring up to 2x times of stream retention.
- Possibilities of a duplicated comments is near to 0%, all new comments for each stream.

Stack - [Python, Electron, Web driver, Selenium]