Vasu Adari

Innovative Software Engineer with 12 Years of Experience in Building Scalable, High-Performance Applications Across Diverse Industries.

- Bangalore, India
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Skills

Engineering

elixir, ruby, javascript, elasticsearch, mysql, postgres, kafka, redis

DevOps

docker, kubernetes, helm, terraform, ansible, gitlab, ci/cd, git, aws, gcp, grafana, graylog, newrelic

Profiles

- in **vasuadari**
- ⬡ **vasuadari**

Summary

I am a seasoned software engineer with 12 years of experience in developing and scaling high-performance web applications. Skilled in Ruby, JavaScript, and Elixir, I have a strong background in leveraging AWS for robust, scalable infrastructures. Currently a Principal Engineer at Scripbox, I have led key architectural redesigns and improved security and user experience. My expertise in DevOps, system scalability, and automation drives my passion for innovative, next-generation solutions.

Experience

Scripbox
March 2022 - Present
Principal Engineer
Bengaluru, Karnataka, India
⬀ https://scripbox.com

Led the architectural design and implementation of a highly scalable Elixir application, replacing legacy systems during company mergers. Implemented an API Gateway (**Kong**) and schema bridging framework for seamless transition. Documented decisions via *ADR*s, empowering redesign of iOS and Android apps.

Developed a master data application in Elixir with DAG-based workflow, including advanced search API features.

Led development of centralized authentication platform for Scripbox, enhancing security and user experience.

Implemented *OpenAPI Specification 3.0* standards, improving API documentation and maintainability across Elixir and Ruby applications.

Established *Architecture Decision Records (ADRs)* as standard practice, fostering better decision-making and collaboration.

Gojek Tech
December 2020 - February 2022
Lead Software Engineer
Bengaluru, Karnataka, India
⬀ Gojek

- Revamped the code structure of the API-based ad serving application on the Gojek iOS/Android platform, aligning it with bounded context principles. Achieved scale of 60k RPM.

- Crafted API and Telemetry event specifications to enable the deployment of category and shortcut ads.

- Developed search-based ads for the Gojek food delivery application.

- Expanded advertising capabilities to include two additional inventories, also developed an Elixir Kafka consumer to handle millions of telemetry events. Team Size - 6.

Scripbox
December 2015 - December 2020
Lead Software Engineer
Bengaluru, Karnataka, India
⬀ scripbox

Experienced software engineer skilled in **developing and optimizing scalable web applications**.

Proficient in **Ruby on Rails**, **API development**, and **DevOps practices**.

Proven track record of **improving user experience**, **enhancing system reliability**, and **automating infrastructure**.

Key accomplishments include:

- Simplified user registration flow: Implemented streamlined APIs using **Ruby on Rails**, resulting in increased engagement.

- Enhanced portfolio management: Developed API to calculate real-time portfolio values, enabling informed investment decisions.

- Improved customer communication: Added push notification service for contact center, ensuring effective communication.

- Increased code quality and reliability: Significantly improved test coverage and implemented robust error logging and monitoring systems.

- Automated infrastructure management: Utilized **Ansible** to streamline setup and maintenance, reducing manual effort.

- Optimized code repository and CI/CD pipeline: Migrated codebase to **GitLab**, enabling faster and more reliable deployments.

- Modernized application architecture: Dockerized all applications and deployed to **AWS Elastic Beanstalk**, improving scalability and resource utilization.

- Developed high-performance marketing platform: Led a team in building a scalable marketing platform using **Elixir**, capable of sending millions of personalized communications across multiple channels.

Apple(Via TCS)
November 2013 - December 2015
DevOps Engineer
Bengaluru, Karnataka, India
⬀ apple

- **Migrated the multi-geography application from a single-node to a highly scalable and secured infrastructure, concurrently upgrading to Rails 4.x.**

- **Tata Consultancy Services**

- **Full Stack Engineer- Innovation Labs**

- November 2012 - November 2013 (1 year 1 month)

- Developed and scaled an enterprise social collaboration platform to 300K+ users. Built wikis, messaging, and modernized notifications with **AngularJS**. Designed robust RESTful APIs to ensure seamless integration and extensibility.

Education

Rajalakshmi Institute of Technology
2008 - 2012
Information Technology
Bachelor of Technology
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