VISHNUPRASAD KAMALON

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SUMMARY

Highly experienced Software Engineer with 8 years driving scalable software solutions using Ruby, Ruby on Rails, and Python. Expertise in cloud environments (AWS, Docker, Kubernetes), CI/CD, and DevOps. Proven track record in integrating AI-powered capabilities for business impact.

SKILLS

Languages and Frameworks: Ruby, Ruby on Rails, Python, Flask, Fast API, Typescript, Ember.js

Database: MySQL, PostgreSQL

DevOps & IaC: Docker, Kubernetes, Jenkins, Terraform, Kafka, Redis

Testing: Rspec, MiniTest, PyTest, Cucumber, Playwright

APIs: RESTful APIs, GraphQL

VCS: Git

Methodologies: Agile, Scrum, TDD, BDD

Others: Elasticsearch, Jira, Git

WORK EXPERIENCE

Total Experience: **7 years 11 months**

Clark Holding SE, Frankfurt — *Senior Software Engineer*

NOVEMBER 2021 - PRESENT

- Developed the InsureTech(FinTech) software utilizing Ruby on Rails, FastAPI, Ember.js, TypeScript, Node.js & PostgreSQL.
- Served as a full stack developer for the "Life & Health" team of the CLARK app.
- Integrated third party AI bot with Clark app, which uplifted the in-app appointment by 10% in Q1 2025.
- Migrated Amazon(AWS) RDS managed postgres database from 11 to 13 using Blue/Green deployment strategy
- Optimized the testing environment Jenkins pipeline and kubernetes deployment. This reduced the build time by 40%.
- Built custom activity for Salesforce Marketing Cloud, which enabled its Journey Builder to connect with Clark app.
- Optimized code and database queries to improve the performance of slow-loading pages.

- Actively engaged in code reviews, supported unit testing, and collaborated with QA engineers.
- Managed production and staging deployment using Jenkins and conducted cloud activities on AWS for CI/CD
- Wrote end to end tests, BDD, using cucumber framework.
- Orchestrated Agile sprint ceremonies using JIRA & Confluence, overseeing dependencies, and optimizing customer attribution and testing environments.
- Mentored frontend engineers in Ruby on Rails and backend architecture.

Tech stack**: Ruby on Rails, FastAPI, Ember.js, Postgres, Redis, Sidekiq, Cucumber(BDD), Git, Docker, Kubernetes, Jenkins**

Synup Digital Pvt Ltd, Bangalore — *Backend Engineer*

MAY 2019 - NOVEMBER 2021

- Designed and built Rest APIs and GraphQL APIs for clients.
- Designed and developed robust backend structures for the product using tech stacks like ElasticSearch, Redis, Kafka, and RabbitMQ.
- Built system to integrate Trustpilot Auth flow and integrated Trustpilot review API with the platform.
- Analyzed and integrated listing APIs like Google My Business, Facebook, and Bing with Synup.
- Introduced real-time notification to the product using Rails ActionCable(WebSockets).
- Increased overall test coverage to 40% with RSpec and MiniTest.
- Buit reporting tool using Amazon Redshift on 2 billion records.
- Managed billing module and worked on Chargebee integration with the platform.
- Core developer in making the product voice-ready, which enabled customers to list their business on Google Assistant, Bixby, Alexa, Cortana, and Siri. This increased the product sales by 15% in Q4 of 2020.
- Actively engaged in code reviews, supported unit testing, and collaborated with QA engineers.

Tech stack**: Ruby on Rails, Flask, Postgres, Redshift, ElasticSearch, Redis, GraphQL, Kafka, RabbitMQ, Sidekiq, Git**

Foradian Technologies Pvt Ltd, Bangalore — *Software Engineer*

JULY 2017 - MAY 2019

- Designed and developed Applicant Enquiry, Applicant Registration, and Transfer Certificate feature for Fedena ERP.
- Designed and built Rest API for Fedena Connect mobile application.
- Wrote and optimized complex SQL queries in the Finance module to calculate fees, apply fines and discounts based on the rule set by the institution.

Tech stack: **Ruby on Rails, HTML5, JavaScript, MySQL, CSS, Git.**

PERSONAL PROJECTS

LoweCLI:

[Github]

GenerativeAI powered command line tool to assist developer with code debugging, command suggestions, document lookup and more

Tech stack: Python, FastAPI, GenAI - Gemini AI, Retrieval-augmented generation(RAG)

ATScribe:

[Github]

GenerativeAI powered ATS compatible resume generator command line tool

Tech stack: Python, GenAI - Gemini AI, Ollama

PyVaccineTracker:

[Github]

Python app to check covid vaccination slot availability and publish the result to a Telegram group

Tech stack: Python, Telegram API, Telegram Bot

EDUCATION

LBS College of Engineering, Kasaragod(Kannur University) — *Bachelor Degree*

JULY 2013 - MARCH 2017

Bachelor of Technology in Computer Science and Engineering