Vithal **Reddy**

FULL STACK DEVELOPER · BACKEND EXPERT

Bengaluru, KA, IN

📱 (+91) 9743980270 | ✉ v@reddy.is | 🏠 https://vithalreddy.com | ⬛ vithalreddy | ⬛ vithalreddy | ⬛ vithalreddy | 🐦 @vithalreddy | Ⓜ vithalreddy

Summary

Full Stack Developer with around 3 years of solid experience with expertise in Full Stack Design, Development and Scaling infrastructure on Cloud.

- Well versed backend technologies like Node.js, Python3 and Rust
- Well versed in many SQL, NoSQL, key-value DB's like Mysql, Postgres, MongoDB, ElasticSearch DB, Redis etc
- Designed, architected frontend and backend in various applications
- Hands on experience in JavaScript UI Frameworks/ libraries like ReactJS, AngularJS, VueJS
- Active Contributor to Opensource community.
- Actively write technical blog post on my blog, stackfame.com or trough Medium platform.

Skills

Back-end	Express, Flask, Fastify, REST API, Mongoose, Sequelize, Knex, SQL, Postgresql, Mysql, MongoDB, Elasticsearch, Redis, Graphql, Web Sockets, Socket.IO, Web RTC, Git, Postman, Sanic, Pandas, Numpy, Joi, Linux, MacOS etc
Front-end	React, Redux, Sagas, Next, CSS, SASS, MaterialUI, Gatsby etc
Programming	Node.js, Python, Rust, Go (Basics), Bash and Zsh scripting
DevOps	AWS, GCP, Docker, Kubernetes, Helm, Ambassador, CircleCI, Gitlab CI
Languages	English, Hindi, Kannada, Marathi

Experience

Zylotech   *Bengaluru, IN*
SOFTWARE DEVELOPER   *15.May. 2019 - Present*

- Implemented monolithic api servers into multiple microservice based apis using docker, k8s, Python(flask), Node.js(fastify), typescript in clean architectural design pattern.
- Built ETL pipeline for processing raw data from coming from multiple data sources using ElasticSearch DB, Python, Pandas, Numpy to formatted data and stored in Postgresql.
- Implemeted automated data cleaning, enrichment, dedupe for flat files such as csv, excel etc. using Python.
- Built Standard UI components library using React, Redux, Storybook, Material UI.
- Wrote A Node.js lib to convert elastic search like queries to sql queries to fetch results from snowflake data warehouse.

Prackr   *Bengaluru, IN*
FULL STACK DEVELOPER   *Dec. 2016 - May. 2019*

- Implemented several API microservices in Node.js (Express, Fastify) and in the serverless AWS Lambda functions.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher.
- Built and deployed overall service infrastructure utilizing Docker container, CircleCI, and several AWS stack(Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an easy-to-use Payment module which connects to major PG(Payment Gateways) companies in India.
- Design and Developement Admin Panel for Using React, Redux, Sagas, Material UI.
- Developed Modules for importing data from multiple sources such as Facebook, Twitter, Email etc.
- Developed Real time chat system for ticket resolution using Node.js, Socket.IO and Apache Kafka.
- Containerized full Dev Cycle using Docker and Docker-Compose.
- Built and deployed multiple integration modules to integrate 3rd party apps, such as salesforce, hubspot, zapier, etc.
- Intergrated Cloud Telephony services into prackr cms using webrtc sdk.

Opensource Contributions

- Built 'cloud-detect-js' node module, which works as a tool to detect host machine's cloud provider.
- Built 'node-mailin', a node module to process incoming mail on custom domain with wild card subdomain support.
- Contributed to 'knex' an sql query builder node module.
- Built a CLI tool to Backup, compress and upload MongoDB to AWS S3, can be configure to run daily, weekly.
- And more small contributions to many opensource projects.
- Please check my github profile for more details @ github.com/vithalreddy

Selected Projects

WhizApp

- **Technology and Tools used**: Node.JS, Express.JS, MongoDB, Nginx, AWS, MongooseJs, React.JS, Redux, AngularJs, Webpack, Gitlab
- An Online APP Based Ebook Store with functionalities like forum, community, marketplace.
- I Was Responsible for developing whole backend and Admin Panel which includes some unique features like user can only download purchased to single device, and that book file will stored in encrypted format in user's device and will be decrypted on the fly when user want to read the book.
- Screen Shots @ https://drive.google.com/open?id=12eSqXvwWVpPe6zTqS2prcA6cPl-InI0F

Homemitra

- **Technology and Tools used**: Node.JS, Express.JS, MySQL, Nginx, AWS, SequelizeJS, React.JS, Redux, Gitlab
- A Online Service Management Portal, I was Responsible for Backend Server, Rest APIs and Admin Panel Developement.

Certifications

Ediwisor
Bengaluru, IN

MEAN STACK CAREER PATH TRAINING
2017

Education

The Oxford College of Engineering (VTU university)
Bengaluru, IN

B.E. IN ELECTRICAL AND ELECTRONICS ENGINEERING
2012 - 2016