Ramakrishna Chilaka

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SUMMARY

Skilled Back-end Engineer, Interested in building large systems from scratch by understanding requirements of the product team. Passionate about large scale distributed data systems which do massive parallel compute across many compute nodes.

EXPERIENCE

Software Engineer, Nference Labs, April 2019-Current
Bangalore, Karnataka, India
- Developed backend for Bimolecular App Single-cell in GoLang.
- Developed framework for real time processing of large scale publicly available Single cell data from PubMed.
- Developed large scale backend services to help analyze a billion rows of data at near realtime speeds using Elasticsearch.
- Developed custom frameworks for swagger documentation of custom frameworks in python.
- Developed a tailored Covid analytics app for tracking of corona virus in and around Pharma Customer offices around the world.

Software Engineer, PayU Payments Pvt LTD, June 2018-April 2019
Gurgoan, Haryana
- Delivered REST Apis for the integration of payment engine with the merchant websites.
- Integrated the PayU India system with global vendors like zooz.
- Hands-on integration of large enterprises like facebook marketplace payment system and Bharat bill payment system in India.
- Developed custom plugins in Lua for HMAC authentication in Kong/Nginx.
- Developed and wrote contract test framework in NodeJS, this was crucial to roll out any new changes.
- Developed and deployed a new CI/CD pipeline for the automatic testing of our service.

SKILLS

- Golang
- NodeJS
- Rust
- C++

EDUCATION

Bachelor's of Engineering (Hons)
Computer Science, Birla Institute Of Technology And Science, Pilani, Pilani, Rajasthan 2018

PUBLICATIONS

https://elifesciences.org/articles/58040