

G.V Rama Chandra

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EXPERIENCE

AMAZON | SDE2

Sep 2024 - Present | Herndon US

- Working on Route53 DNS infrastructure, Route53 QueryLogging components, large scale data processing of DNS data

AMAZON | SDE2

Nov 2022 - Aug 2024 | Bangalore

- Worked on promoting Amazon Music app installs via Amazon Retail Music through In-App message campaigns and experiments.

UDAAN | SOFTWARE ENGINEER

Dec 2021 - Oct 2022 | Bangalore

- Designed & Developed services for financial compute platform focusing on ledger bookkeeping and payment settlement computations.
- Drove the adoption of **open-telemetry based observability** and developed solutions for querying observability data. Contributed PromQL queries for the cronjob failure alerting system.

CAPILLARY TECHNOLOGIES | SENIOR SOFTWARE ENGINEER

Dec 2020 - Dec 2021 | Bangalore

- Optimized the dimension computation logic & reduced the resource utilization in the ETL pipelines. Developed the IAC modules, CI & CD services for deploying all infra components & services to multiple kubernetes clusters.

ZYCUS | ASSOCIATE TECH LEAD

July 2020 - Nov 2020 | Bangalore

- Worked with Spend Analyzer team building **Deep-Learning based demand & price forecasting time series models** and model inference services.

CAPILLARY TECHNOLOGIES | MACHINE LEARNING ENGINEER

May 2018 - April 2020 | Bangalore

- Developed a library with CLI client to setup & launch a **YARN managed Hadoop Spark cluster** on AWS EC2 instances, that reduced the cluster launching time from the existing process 20 minutes to 2 minutes saving the cloud cost and efficiency.
- Designed & Developed distributed batch jobs to collect, clean, aggregate & pre-process data with **optimized spark jobs**, improving the performance & resource-utilization, resulting in a time reduction from 2 days to 5 hours for 6 billion data points & a cost reduction by 50%.

METRIPPING TECHNOLOGIES | DATA SCIENTIST

Jan 2018 - April 2018 | Bangalore

- Worked on building data pipeline jobs using PySpark.

VIZEXPERTS | GRAPHICS ENGINEER

May 2017 - Dec 2017 | Bangalore

- Built 3D graphics simulations of EO sensors for missile launch detection

EDUCATION

IIT, KHARAGPUR (2012-2017)

DUAL DEGREE IN INDUSTRIAL AND SYSTEMS ENGINEERING

BTECH PROJECT

Worked on Twitter Sentiment Analysis, using Word Vectors and LSTM neural networks and grammar rule based factual question generation

SKILLS

PROGRAMMING

3+ years:

- Java

1+ years:

- C/C++ • Kotlin • Golang • Scala • Python3

TOOLS & TECHNOLOGIES

OpenTelemetry • SpringBoot

Kubernetes • Terraform • PromQL

RabbitMQ • Databricks • Apache Spark • AWS

PERSONAL

COURSEWORK

DATABASE SYSTEMS CMU FALL 2022

Doing the course of database systems of CMU on youtube and working on the projects of spring 2023

DISTRIBUTED SYSTEMS MIT

Doing the course of MIT distributed systems on youtube

CERTIFICATIONS

- Certificate of Excellence in Introduction to C++ by Coding Ninjas.
- Computer Vision NanoDegree by Udacity

LINKS

Github:// [ramchandra](#)

LinkedIn:// [ramchandra](#)