

DEVADIGA DIVAKAR BABU

Contact

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Skills

Operating Systems:

Linux, Windows

Programming Languages:

C, C++, Python,
Erlang, Shell script

Data store :

Riak, redis, bdb ,
PostgreSQL

SUMMARY OF EXPERIENCE:

7 YEARS

- Designed/Developed/Operated scalable, highly available and reliable distributed systems.
- Extensive experience in building concurrent and parallel systems.
- **Very strong** in coding and algorithm skillset and love to solve **complex algorithmic problems**.
- Good experience in troubleshooting live large-scale distributed systems, also contributed in solving **challenging architectural and scalability problems in the system**.
- Strong background of developing storage payment and database platforms as service.
- Good team player with strong interpersonal and analytical skills.
- Worked on real-time analytics, diagnose toolkit high volume data (Python in Atmos).

Work History

Senior Member of Technical Staff

Oracle, DB Cloud, Bangalore

(2019/01 -2020/10)

The Oracle Exadata Database Machine is a computing platform optimized for running Oracle Database.

Tech Stack: Python, *Linux*

Roles & Responsibility:

- Developing Exadata infrastructure development team.
- Building the Exadata Cloud Services back end technologies.

Messaging Queue:

Kafka

Protocol:

TCP, FTP, Rest API

Employment History

ORACLE:

Feb 2019 – Till Date (1.2 year)

Product: Exacloud
(computing platform optimized for running Oracle Database)

Tech Stack:

Cluster Management, Framework Development, Python, Linux

Innova Solutions:

Aug 2017 – Nov 2018(1.4 year)

- Complex debugging on production issues, design and reviews of features.
- Developed testing infrastructure frameworks for exacloud which covers full functionality of exacloud,

Software Developer

Innova Solutions (2017/08 -2018/11)

SmartEdge is a payment processing engine that enables authorization, clearing and settlement within a network of banking entities.

Tech Stack:

Erlang, Linux, Riak, Kafka, ISO8583, mongodb

Roles & Responsibility:

- Core developer for designing / developing and operating backend services of payments switch platform
- Built multiple frameworks/libraries/tools to aid product development and tech operations.
- Developed several payment algorithms, microservices, also solved several system design issues.
- Design developing a distributed storage platform for storing transactions information's using riak database.

Product: Smart Edge
(Distributed Payment
Platform)

Experience summary:

Distributed System, Micro
service, Api's, Payment
Technologies, No Sql, Data
Storage, Testing
frameworks, Erlang

EMC2(Now DELLEMC):

Dec 2014 – AUG 2017(2.8
year)

Product: Atmos (Object
Storage Cloud Platform)

Experience summary:

Cloud, Distributed System,
Micro service, Api's,
Storage Technologies,
Cluster, No Sql, C++,
Python

Software Engineer

EMC2 (2014/12 – 2017/08)

Tech stack:

**Distributed system, C++, Python, Linux, storage,
clusters, virtualization, distributed hashing,
bdb, postgresql**

- Atmos is Object-based cloud storage platform to store, archive and access unstructured content at scale The Atmos technology uses an object storage architecture designed to manage petabytes of information and 0billions of objects across multiple geographic locations as a single system.
- Atmos provides the essential building blocks for enterprises and service providers to transform to private, hybrid, and public cloud storage.
- **Roles & Responsibility:**
- Feature development for product development releases.
- Develop and release patches to solve various critical escalations from customer cloud.
- Customer escalation issue fixing in distributed cloud environment.
- Troubleshooting performance issues and providing a fix for various components involved in object storage.
- Development of various escalation tools for support engineers to debug issues in the field.
- Component owner of the metadata service.
- Designing and developing serviceability enhancements of product.

**RAPIDCODE
TECHNOLOGIES**

Jul 2013 - Nov 2014

Experience summary:

C, C++, Linux, Networking,
Signals, IPC

Software Engineer

***RAPIDCODE TECHNOLOGIES PVT LTD (2013/07
– 2014/11)***

Tech stack:

C, C++, Linux, Networking, Signals, IPC

- Research and Development Project: K10 box K10 box is an intelligent electronic device (Duhamel) with an inbuilt arm processor, used in the buses to display the location information dynamically on led monitor, using GPRS. This product is widely used in transportation products.
- The software is developed in UNIX environment.
- **Roles & Responsibility:**
- Develop and debugging the features and production issues of K10 box.
- Developed applications which detect the server, and update the data to server database.
- The main intention is to prevent manual updates in their transportation products.
- Fixing product bugs.

Education

**Bachelor of Engineering: Information
Science**

Year :(2009-2013) □

Collage: Sapthagiri College of Engineering
Bangalore University: Visvesvaraya Technological
University, Belgaum, Karnataka.

