Why you are looking for job change?

I have enjoyed to work with great group of people. I have good experience to with my current employer. But I am looking for better opportunity more challenges, and career growth and looking for new roles and responsibility. I want to explore myself better technically as well as management. As of now growth is limited for me with current employer because I have been here for 2 years and learnt a lot.

So,I am looking for a good opportunity which drives me in right path and to get next level in my career.

Introduction

Hi,

I’m basically from Bihar.

Coming to my educational background.

I did my schooling from my native. I did my intermediate from G.D college Bugusarai, Bihar. I did my engineering with information technology stream from AVIT Chennai ,Tamilnadu .

Coming to my professional experience.

I have total experience 4 years in software industry. My current employer is Happiest minds Technology PVT LTD.I started my career as a fresher with Associate software engineer with Teledna communication PVT LTD.I worked two years there.

Then I moved in Happiest minds Technology PVT LTD as senior software engineer.

Coming to my technical experience

I started my technical journey with php ,html,css. Then I moved java and spring. Then I started to work on angularjs and node.js. I worked on relational database MySQL,POSTGRESQL as well as nosql datatbase mongodb,dynamodb and inmemory database redis.

coming to project

basically happiestminds is service based conpany.but i got opportunity to work with ip solution team of the company which build product.

i worked on multiple project like as ICM story and DQA Story.It i SAAS based product which helps the research and thought leadership industry.The research and thought leadership company like gardner, they are publishing report based on market research.Like as in market so many clouds platform so these research company doing research on that technology on top of that they are publishing report with all pros and cons.And these reports buy by respective company.so basically as business prospective this product is B2B .But for client it is B2C.So i am going to explain ICM story technically .Icm story is innovative content monetization . we build a powerful system where system will get input as raw data and ingest into system(database) and make it as digital report with digital platform.In this project used technology is node.js,angularjs,postgresql,mongodb,nginix,memory cache,IBM Bluemix cloud.This is multi-tenant base applicatin where we onboarded 5 tenants.Usually application getting average 5k to 10k request per day.we made it robust and scalable system without production fail.So in this product 80 % work is fixed and 20% work is based on customization with respective to client.

coming to my roles and responsibility

i joined as senior software engineer in this organisation.At that time this product was in inital phase.so i got opportunity to work from scratch ,design and development .I was involved in technical discussion phase,requirement gatherings and analyzing, brainstorming. I got opportunity to work with architect and tech-lead directly,because at that time team size was small.

I am individual contributor as well as team played. As a individual contributor I took poc and R&D responsibility and after successful poc moving this project to colleagues and explain them. Like as I worked on PDF generation with help of python, writting Backend nodejs code in typescript,Api versioning system. As a team player involve in development of microservices,bug fixes,enhancement,system performance improvement.security.

My next project is DQA.

Why you choose nodejs and why now a days it is so popular?

Why you choose angularjs?

Why you choose postgresql?

* Postgres can support multiple data types like JSON, hstore. You can also use extensions to support data types like arrays, geometric,
* Since Postgres supports JSON which is huge advantage over MySQL, in addition to nesting objects, it will automatically ensure you are inserting a valid JSON.
* Postgres will also allow you to query against a piece of data stored in a JSON object.
* Postgres also has a field type called Hstore which is a key value store in the database, but it only deals with text and its not a full document store (meaning you cant nest objects)
* Postgres will do automatic data compression with TOAST, this will be applied to large data types like TEXT, this will zip the data.
* Postgres store timezone, MySQL doesn’t.
* Postgres supports multi-index queries, which means if you are running a query and there are several different columns in the conditions that have their own indexes, it will use all of them. That will remove the need to create an index combining three different columns just because you want to query that.

PostgreSQL gives you this, plus several interesting and cool data types that you may not have considered before:

* Enumerated types (for an arbitrary list of fixed values)
* Network address types (IP, CIDR, MAC)
* Geometric/Spatial types (points, lines, polygons, etc.)
* XML and JSON types
* BOOLEAN

<https://www.libertycenterone.com/blog/postgresql-vs-mysql-vs-sql-server-vs-oracle/>

PostgreSQL is an advanced object-relational database management system that supports an extended subset of the SQL standard, including transactions, foreign keys, subqueries, triggers, user-defined types and functions.

Why you choose Mongodb?

Why you choose dynamodb?

Why you choose redis?

Why you choose angular 5,6?

Which kind of challenging work u did in your project?

Mongodb driver for replicaset,

Materialized view from table with help of trigger

To automate report publishing with help of editor like ck editor

What makes u happy?

Why should I hire u?

Thank u so much for giving me opportunity to answer this question.

I always believe in success . May be you have selected many candidate for this position. But I believe I am the right person for this position. Because for this position what competency you are looking for I am matching perfectly .And I am curious about learning new things and growth and I believe in action. If I will get opportunity to work in your organization I will prove myself.

How u r learning?

How ur product helps to client?

As a software engineering how u made ur day typically?

How your product helps client?

I have total 4 years experience. currently I am working in happiest minds technology pvt LTD. as senior software engineer. Happiest minds technology pvt.LTD . is a service based company. But I got opportunity to work with IP solution team which develops products.

Now I am going to explain my technical competency.

I am working here as a mean stack developer. I am working on angular.js, node.js, express.js, Typescript,ES6,DEVOPS ,CI & CD relational database postgresql , nosql database mongodb , IBM BLUEMIx cloud platform and microservice architecture. I developed single page application in angular.js with angular modules,service ,factory components. I developed backend Rest Api engine using Typescript and node.js with single threaded , async features, promise, callback, asyn/await ,middleware ,which is reliable, robust and loosely coupled.I did cluster implementation in node to increase request load.I did mongodb connection implementation using mongodb driver.I used multiple design patterns for implementation like -singleton,factory,prototype.I designed and developed database schema .I created table ,materialized view, trigger and function .I worked on performance tuning and data high availability at database end. I designed and developed schema and collection. I worked on performance tuning and high availability using indexing and replication. I worked on server deployment and monitoring on cloud platform bluemix.I implemented devops which helps the team for development and operational services. I implemented devops with continuous integration and continuous development using toolchain in bluemix cloud .

Now I am going to explain products:-

I am working on mcaas product. (Managed Content as a Service), a SaaS based digital content brokering platform which allows companies to deliver, manage and monetize their content like documents, social data, audio, video, images, etc. as per the user context. This allows smart, seamless and connected delivery of content flow for the enterprise, their end consumers, employees and business partners. mCaaS is offered as a Software as a Service (SaaS) based solution.

managed Content as a Service (mCaaSTM) is a pluggable, cloud powered Digital Content Broker Solution that seamlessly integrates with transactional systems and leverages any form of standard storage and middleware. **This solution empowers organizations to derive relevant information from enterprise content and digital assets in the most efficient manner by ingesting content into an AI powered engine.**The platform with cognitive and AI powered chatbot features uses deep learning mechanism to learn customer behaviour and become more intelligent on the go. Natural Language Processing (NLP) and fuzzy driven intelligent search and predictive features of the mCaaSTM platform make it desirable for businesses to drive their brand- customer engagement to the next level.

mCaaSTM helps our clients to:

* Digitize and enrich content in real time to enable effective monetization.
* Create a single source of truth by connecting multiple data sources to enhance efficiency.
* Transform a cost center to profit center by disrupting the traditional contact center processes.
* Deliver contextual and most relevant information in near real time.

**Low Cost Of Ownership**

* No HW/SW Investments or any Capex
* SaaS Model, Minimal Upfront Cost
* Consumption Based Model (Use and Pay) or Fixed Fees/month, still at the fraction of cost with respect to Brick-n-Mortar KM products
* Change Management can be bundled in, providing insulation to Huge Change costs.

Mcaas having DQA and Icm User story:-

DQA:-

**Digital Query Assistant solution integrates self-service, associated service, and virtual agents with the traditional customer service channels to enhance interactions across disparate channels including mobile, the web, social media, and voice mail.** This AI powered self knowledge assembly system enables organizations to optimize customer interactions, increase satisfaction rate, reduce first call resolution time, and boost service productivity. Digital Query Assistant empowers organizations to:

* Create a unified self-assembling or self-learning platform/hub.
* Leverage customer data to deliver personalized/ contextualized knowledge.
* Simplify data gathering and derive actionable insights.
* Break the silos and generate a single version of truth.
* Better understand customer sentiments and requirements.
* Enable augmented search with personalization, relevance and contextual content.

The DQA solution can be integrated with any internal or external application like CRM, ERP, PLM, ticketing system, and call center or service center software, delivering the key business KPIs. The proprietary deep learning framework delivers most relevant and contextualized content to customers whenever they interact with this system.

Use cases for DQA:-

* Banking Sales or Service Digital Assistant
* Super-Agent or a Call Center Virtual Assistant

ICM:--

Innovative Content Monetization solution helps organizations to gather information on data flow volumes, derive intelligent customer insights to drive content recommendations, and enable guided sales based on current market demands. Powered by mCaaSTM, this solution tracks and tags data flowing in and out of multichannel sources within an organization such as web portals, socials networks, and cloud applications and helps in orchestrating the content. Innovative Content Monetization solution.

Offered as a SaaS, Innovative Content Monetization solution allows organizations to get started in literally no time and without any major changes to the existing infrastructure & systems.

Coming to my roles and responsibilities:-

* Involved in concept to prototyping SaaS based Multi-tenant Multi-Region Digital Platform development.
* Design,develop, Coding,Deployment ,discover and delivery ,Implementation of Micro Service based loosely coupled API architecture.
* Integration of multichannel sources within an enterprise such as web portals, Third Party API and cloud applications and in implementation of CI &CD and deployment process.
* Designed and Developed Backend Architecture in order to build the application for module like **Login**, **Customer on Boarding**, **Ingestion,Trainnig,Cache,Broker,Dashboards, Rest APIS**.
* Involved in analyzing and Understanding the business requirements,debugging,testing,troubleshooting throughout the application development process.
* Analyzing and modify current system to work efficiently.
* Prepare test cases, plans and training modules.
* Maintain the system after delivery products.
* Involved in document and demonstrate solutions by developing documentation,flowcharts,code comments and code clean.