VINU KURIAN

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Career Objective

Looking for an organization where I can enhance my knowledge and use my academic learning to give my best to the organization.

Work Experience

- Working as Software Engineer in **InnoVaL Digital Solutions Pvt Ltd**, Trivandrum from Nov 1st, 2018 – till date.

Experience Summary

- A dynamic, open source and SAP Cloud specialized professional with 1+ years of rich Industrial Experience in Open Source and SAP Cloud Project Management and Implementation.
- Adapt end-to-end development of software products from requirement analysis to system study, designing, testing and de-bugging.

Education

COURSE	INSTITUTION	BOARD/UNIVERSITY	YEAR OF PASSING	MARKS SECURED
MCA	Nirmala College , Muvattupuzha	Mahatma Gandhi University, Kottayam	2018	72.46%
BCA	Yeldo Mar Baselious College Kothamangalam	Mahatma Gandhi University, Kottayam	2016	70%
Plus Two	De Paul EMHSS Thodupuzha	Board of Higher Secondary Examination, Kerala	2013	73%
S.S.L.C	St.Xaviers public School Pothanicadu	Central Board of Secondary Education ,Delhi	2011	84%

Technical Skills

- Technologies: **HTML5, CSS3, JavaScript, SQL, Bootstrap4, JQuery, Angular, Node, Express, SAP CLOUD ABAP, SAP UI5**
- Web**: Firebug, Browser Compatibility Testing**
- Version Control Tools: **AWSGIT, SVN**
- Web service: **AWS, REST, ODATA V2**
- Development Tools: **VS Code, Eclipse**
- Databases **: My SQL,SQL lite, MongoDB, Google FireBase, SAP HANA**
- Project Management Tool: **Whizible**
- Operating System**: Windows 10,Ubuntu 18.04 LTS , Mac OS Mojave**

Personal Skills

- An effective communicator with excellent relationship building and interpersonal skills.
- Strong analytical, problem solving & organizational abilities.

PROJECT PROFILE

- **Project #1: (InnoVaL)**

Title	: **OptiIntelliV (Back End)**
Team size	: 4
Duration	: 4 Months
Role	: Developer
Platform	: Python , SQL, MongoDB.
Development Tools	: Visual Code, SVN, Whizible (Project Management tool)
Client	: Internal Purpose (**Innoval**)

Project Description:

This application is primarily meant for users who are unaware of SAP or business terms to look after or forecast their business data. With the help of AI/ML/NLP packages in python, presentation and understanding of business information stored in SAP is possible in the modes of charts and graphs. An attractive feature for interaction with system using Self-learning Chatbot is also incorporated.

The data will be fetched from the SAP backend database using RFC in specific time intervals and these data will be processed and converted based on certain set of rules.It will be saved either on in-memory SQL database or MongoDB database.

The real users of the system will interact through a web based chatbot like application / website in natural language. The queries then will be converted to either SQL queries or MongoDB queries with the help of certain NLP packages and Self maintained dictionaries which are either saved on in-memory SQL. The users will be presented with the requested data in their preferred medium like Table , Charts , Graphs etc. The chatbot will also suggest auto completion of the natural language query using a self learning mechanism.

The System also had a business forecasting system using a certain set of algorithms developed in house based on SAP data.

Responsibilities:

- Involved in backend development, creating, designing new modules and maintenance activities
- Monitoring the performance of the application and code reviewing
- Done unit testing and code reviews for each module.
- Creating High performance flask API's for each interaction like learning , prediction etc.

- **Project #2: (InnoVaL)**

Title	: **OptiEximc**
Duration	: 7 months
Team size	: 20
Role	: Developer & Architect
Frontend	: SAP UI5.
Backend	: SAP CLOUD ABAP Stack.
Database	: SAP HANA
Development Tools	: Eclipse, SAP GUI, Whizible(Project Management tool)
Client	: BASF India Ltd.

Project Description:

OptiEXIMc digitally enables and facilitates compliance of the export and import process of the organization with real time notification and analytics for business decisions.

The solution is built on SAP cloud platform that seamlessly integrates with standard on-premise digital core of SAP (ECC or S/4HANA or S/4HANA cloud) or

other ERP system processes for Exports Sales data and Imports Purchase data for all the requisite documentation.

Responsibilities:

- Collecting the requirements from the client as well as senior managers and analysing application architecture.
- Entire design of the backend and Cloud cockpit .
- Creation of Domains , Data elements , Tables , CDS views , Custom Entities, Behaviour Implementations , Behaviour Definition , Service Definition , Service Binding and Communication Scenario.
- Created and Implemented the entire Authorization part using Authorization Fields , Authorization Objects , IAM-Apps , Catalogues , Catalogue Assignments , Roles and Access Controls in backend, Business User creation, Role Creation and Role Assignment in cockpit for backend data .
- Creating Business Users, Role Creation, Group Assignment , Role Assignment and App Assignment for frontend users.
- Controlling the business flow of Documents using custom document status table and custom status flow table.
- Developed a custom lock table to lock the documents being edited by other users and users have the permission to unlock their own locks (similarly like SM12 in SAP ERP).
- Done unit testing and code reviews for each and every module.
- Optimization of API Calls towards backend to reduce the network traffic.
- Design and Analysis of the application scenarios with the Backend development.
- Future updates on modules and Data optimization.

Seminar and Paper Presentation

- Presented a paper on " Dyson Sphere " At Fourth National Conference On Advanced Computing And Communication Technology Conducted At Santhigiri College Vazhithala Thodupuzha

Personal Profile

Name	:	Vinu Kurian
Date of Birth	:	21 / 03/ 1996
Gender	:	Male
Strengths	:	Team Player, Adaptable, Zeal to learn
Father's name	:	Kurian P.I
Mother's name	:	Mary Kurian
Languages	:	English, Malayalam, Hindi