## nAVYA BHANDARI

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Summary

A result-oriented and self-motivated professional with 8+ years of experience in end-to-end development of Software for Oil and Gas Industry from Requirement analysis, Development, Integration and Validation. Passionate about Design patterns and new web technologies an effective communicator with strong interpersonal, analytical, problem solving and planning skills.

**Employee of the year Nominee [2015] in Quest Global**

Skill Summary

* **Azure Technologies**: Azure AD, Azure functions, Azure cosmos DB, Application Insights, API Gateway, App Services, Key Vault, Cognitive Services, Dev-ops, Azure IoT Hub
* **Programming languages**: C#, WPF
* **.NET Framework:** 4.0, 4.5
* **Databases:** Azure Cosmos DB
* **ORM:** Entity Framework
* **API Tools:** Swagger
* **Tagging Tools:** FOTT
* **Web Server Technologies:** Angular, React, Web API, Google Dialog flow,
* **Scripting Languages –** PowerShell, Terraform
* **Design Patterns –** Event driven, Visitor ,Factory, Singleton, Decorator

Organization Experience

* **October 2019 – Till Date – Neudesic Info park Cochin**
* **January 2017 – September 2019 – Baker Hughes A GE Company – Germany / Cochin**
* **October 2013 – December 2016 – Quest Global Technopark Trivandrum**

Experience

Document Intelligence Platform March 2020 -Till Date

DIP is platform to extract the contents from documents using Artificial Intelligence.

Role: Team Lead

Tasks/Responsibilities

* Involved in Architecture and Design discussions and Development of DIP Orchestration Modules.
* Implemented Orchestration modules
* Implemented classification of documents using custom vision service
* Implemented training of documents to extract the data
* Extracted the contents from documents using form recognizer service

**Languages/Technology:** React, Node.js. Azure cognitive services, Azure functions, Azure cosmos DB, Application Insights,

**Tools:** Visual Studio Code, Git, FOTT

Payment Gateway November 2019 – February 2020

Payment gateway is the micro service module which the user can authenticate to the brain tree gateway and initiate the payment and refund operations

Role: Developer

Tasks/Responsibilities

* Involved in architecture and design discussions and development of Payment Gateway module.
* Created technical design document [TDD]
* Designed design diagrams in UML
* Implemented microservices for Client Token, Payment and Refund
* Implemented micro services Architecture
* Unit testing using mock framework

**Languages/Technology:** C#, Azure functions, Azure cosmos DB, Application Insights, App Services, Key Vault

**Tools:** Visual Studio 2017, Git

DESP January 2017 – September 2019

DESP is a product used to fetch oil and gas from the under surface of earth. This deals with various simulations like Hydraulics and Torque drag to start the drilling. The simulations are running using different types of legacy engines. After all the simulations the simulator will redirect to the dashboard which we can see the simulation results.

Role: Developer

Task/Responsibilities

* Technical lead for team K3 to ensure on time delivery of committed stories with high quality.
* Development of real time module to enable tripping scenarios and publishing of results
* Implementation of Unit conversion framework for enabling customized units in the application
* Integration of catalog components like drill pipe, drill collar in to drill string editor and enabling them to perform simulations
* Implementation of Observer design pattern for BHA Sys Pro Module
* End to end Ownership of product from design through development and testing
* Collaborating effectively with key stakeholders for implementing the best solution for the product.

**Languages/technology:** C#, WPF, Angular 4

**Tools:** Visual Studio 2017, TFS

IET October 2013 – December 2016

IET is a substation automation tool for monitoring and controlling the substations. IET consist of 3 different modules called IET Admin Tool, IET Setting tool and IET Configuration tool, all these modules are connecting with integrated electronic devices [IED] to monitor the real time data. IET deals with rule-based files that can be send to the IED devices to set the rules for the configuration of electronic devices.

Role: Developer

Tasks/Responsibilities

* Involved in Architecture and Design discussions and Development of IET Modules.
* Involved in Automating the Developer level of testing using Test Complete
* Involved in real time Monitoring of IET using IED Devices
* Designed Rule Editor

**Languages/Technology:** C#, WPF

**Tools:** Visual Studio 2015, TFS

Education

**BCA Annamalai University 2017**

**Diploma in Computer Engineering Board of Technical education Kerala. 2010**