**OBJECTIVE**

Highly motivated Full-Stack .Net Developer with industrial experience in building and deploying scalable applications. Proficient in Blazor, React, .Net framework, .Net Core, C#, SQL Server and HTML/CSS, JavaScript, Design Patterns. Skilled in developing full-stack applications, implementing security and data protection measures, and integrating with third-party APIs. Possesses strong problem-solving skills, attention to detail, and ability to work collaboratively in a fast-paced environment. Aiming to bring expertise and dedication to a challenging role where I can contribute to the success of a company.

**EXPERIENCE**

* Module Lead | Mphasis | Feb 2020 – Till Now
* SSE | Conduent Business Services | Jan 2018 – Feb 2020
* SE | **L**&T Technology Services | Oct 2016 – Nov 2017
* SE | Vhire4U (Wonesty Web Solution), | Apr 2015 – Oct 2016

**COMMUNICATION**

* Excellent written and verbal communication skills.
* Confident, articulate, and professional speaking abilities (and experience)
* Empathic listener and persuasive speaker.
* Excellent presentation skills.

**REFERENCE & HOBBIES**

* Place: Bangalore, India
* Contact: +91-8105489658
* Languages: English, Hindi, Odia
* Interests: Cooking, Bike Riding, Blogging, Photography, Playing Badminton, Cricket

**Technical Competencies**

**Primary:**

C#, Asp .Net Core, Asp .Net MVC, Web API, Blazor, SQL Server, Microsoft Azure Fundamentals, JS, React.js, Microservices, SOLID principle, Design patterns

**Tools**

TFS, IIS, Git, Wire shark, Postman, Swagger, Fiddler

**EDUCATION**

* **B.Tech (2008-2012)**

In AE&IE 73.64 % in 2012 from The Techno School, Bhubaneswar (BPUT, Orissa).

* **College of Science 2006-2008**

+2, Science, CHSE board, Odisha

* **High School 2006**

BSE board, Odisha

**AWARDS**

* Employee of the month
* Best performer award
* Star performer in the Team

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**Ayan Ansuman Sahoo**

Full Stack Developer

**Projects (Starting from Current to First)**

**1)**

|  |  |  |
| --- | --- | --- |
| Name: **Lease Wave** -**ACL layer, OC-5** | Role: **Developer** Team Size**: 8** | Duration: **Feb-2020 to till now** |
| **Skills:** C#, Asp .Net Core, Web API, SQL Server, LINQ, Entity Framework, Microsoft Azure, Blazor, React.js, JavaScript, Microservices |Tools: Git, DevOps, Postman, Web Form | | |

Lease Wave – ACL layer is a newly developed application.it is a service using core web api which to provide service between Lease Wave data base and communicating with Web form based application developed in react and some legacy application of Merchants fleet. Its import the data from legacy applications and load into Lease Wave database, User has capability to edit and modify the data using rich user interface. Acl layer service is used handle the request from all type of legacy and new application from client and connect to Lease Wave database for result set. So, whenever lease wave will upgrade, or any new data base connectivity will happen then changes will happen in ACL layer services instead of legacy applications. Creating service using dotnet core 3.1 with following dependency injection design pattern and repository design pattern. Working closely with client’s teammates, business analyst, quality assurance, and project management resources throughout delivery of solutions Create and develop system applications utilizing standard concepts, practices and procedure. Formatting and transforming data using staging tables.

**2)**

|  |  |  |
| --- | --- | --- |
| Name: **Automatic Digital Processing (ADP)** | Role: **Developer** Team Size**: 6** | Duration: **Jan-2018 to feb-2020** |
| **Skills:** C#, Asp Net MVC, Web API, SQL Server, Microsoft Azure, JavaScript, Bootstrap |Tools: Git, DevOps, Xerox’s tool | | |

ADP stands for Automatic Digital Processing, in where many modules are existing. Basically, I have worked on ACRS and

Data Capture module. ACRS is a tool made for hosting all the third-party application in one platform and keeping all deployed project in one repository. Data Capture is used for File processing and it’s a Web Form. It’s totally based on Xerox Machine, where data capture takes care internal process of scan or photocopy of any file. In data Capture the scanned file will process as item and will segregate as number of token and this token will transfer to SIR Client and then MCP tool for further processing and finally it will deploy to ACRS. It totals concepts of data processing for scanning files. Azure is used for repository for host the application in server.

**3)**

|  |  |  |
| --- | --- | --- |
| Name: **UBIQWeiese** | Role: **Developer** Team Size**: 4** | Duration: **Oct’16-Nov-17** |
| **Skills:** C#, Asp Net MVC, Web API, SQL Server, Azure, JavaScript |Tools: TFS, Wireshark, Fiddler | | |

## UBIQWeiese is a M2M channel project based on different services as taking part of machines, devices. It’s taking care of all devices with different configuration and end to end connect with UBIQSens to read the device data and provide UBIQsens data to UBIQRede through MQTT channel. AND UBIQrede will take care data give service to devices and save into Database as in MSSQL. UBIQManage is the UI part to show the display and for Data connection in UBIQSENS and UBIQREDE both MSSQL and MySQL are using respectively. Web Form application has been developed to manage the tracking of drone and chip movements which are communication with UBIQWeiese repository.

**4)**

|  |  |  |
| --- | --- | --- |
| Name: **Campus Medicine & Fee Management System (FMS)** | Role: **Developer** Team Size**: 6** | Duration: **Oct’16-Nov-17** |
| **Skills:** C#, Asp Net, SQL Server, JavaScript, jQuery, SSRS Reporting |Tools: SVN | | |

This project is especially designed for medical campuses worldwide. Campus Medicine has been custom designed for specific requirements in Medical College. It manages all complex day to day workflow of medical institution. Campus Medicine is nothing but an Attendance online Management System for managing Medical Campus across the globe. User can get in access via web Form and its been used from 10 years of this product. This fee management web form solution allows all the stakeholders to monitor every stage of fee management process. The Fee details include Annual Fee, Hostel Fee, Transport Fee, Mess Fee, and Miscellaneous Fee. These Payments as well as Receipts are integrated in Student, Parent and Management Dashboards.

Regards,

**Ayan Ansuman Sahoo**

LeaseWave-ACL is a cutting-edge logistics management system that focuses on efficiently handling assets, leases, purchase orders, invoice orders, and fuel transactions. This project aims to streamline and automate various aspects of logistics operations, enabling organizations to enhance their overall efficiency and productivity.

Utilizing the latest technologies and industry best practices, LeaseWave-ACL leverages .Net Core, React, and SQL Server to create a robust and scalable solution. The system is built using a microservices architecture, allowing for flexibility and modularity in the development process. Additionally, the implementation adheres to established design patterns and follows SOLID principles to ensure maintainability, extensibility, and testability.

The primary objective of this project is development, focusing on building and enhancing the functionality of ACL. The development work involves creating modules and features that facilitate asset management, lease handling, purchase order processing, invoice order management, and fuel transaction tracking. These functionalities will provide logistics professionals with the necessary tools to effectively manage and track their assets and transactions, thereby streamlining their operations and improving overall performance.

By leveraging the power of .Net Core, React, and SQL Server, Azure LeaseWave empowers logistics companies to optimize their logistics processes, reduce manual efforts, and enhance data accuracy and reliability. Through this project, we aim to deliver a comprehensive logistics management system that meets the specific requirements of the industry, enabling organizations to achieve operational excellence and drive business growth.

The AutomaticDigital Processing System is a comprehensive solution designed to streamline the handling and validation of medical reports in the healthcare industry. The system utilizes Optical Character Recognition (OCR) technology to scan and extract data from medical report files. It also includes advanced validation mechanisms to ensure the accuracy and integrity of the extracted information.

OCR File Scan: The system employs OCR technology to automatically extract text and relevant data from medical report files, eliminating the need for manual data entry.

Data Validation: It performs rigorous validation checks on the extracted data, ensuring its accuracy and compliance with predefined rules and standards.

Medical Report Indexing: The system organizes and indexes medical reports based on various criteria, such as patient information, report type, and date, enabling efficient retrieval and analysis.Integration with SSRS reporting allows for the generation of comprehensive reports and data visualization, providing valuable insights for healthcare professionals. The system securely stores the extracted and validated data in a SQL Server database, ensuring data confidentiality and integrity. The system features an intuitive user interface developed using ASP.NET MVC, offering a seamless and efficient user experience.

Design Patterns and SOLID Principles: The system follows industry-standard design patterns and SOLID principles, enhancing code maintainability, extensibility, and scalability.It allows for seamless integration with existing healthcare systems, facilitating data exchange and interoperability. The system automates various workflow tasks, reducing manual effort and improving operational efficiency.

Technology Stack:

.NET

C#

ASP.NET MVC

SQL Server

SSRS Reporting

JavaScript

UBIQWeiese is an advanced IoT connectivity platform designed to enable seamless communication and integration between various devices and chips in the telecom industry. The platform utilizes cutting-edge technologies to establish reliable and secure connections, facilitating the exchange of data and control signals.

UBIQWeiese establishes connections between IoT devices and chips, allowing them to communicate and share information in real-time.

Data Exchange and Integration: The platform enables the seamless exchange and integration of data between different devices and chips, creating a unified ecosystem for IoT applications and do sockets communications. The platform is built on .NET MVC and Azure, offering scalability and flexibility to accommodate a growing number of devices and adapt to changing business requirements. UBIQWeiese incorporates robust security measures, including encryption, authentication, and access control, to ensure the confidentiality and integrity of data transmitted between devices. The platform includes monitoring capabilities that provide real-time insights into device performance, allowing proactive maintenance and issue resolution. It also sends alerts and notifications for critical events.Reporting and Analytics: Integration with SSRS reporting enables the generation of detailed reports and analytics, helping telecom operators gain valuable insights into device performance, usage patterns, and network efficiency.

The platform follows industry-standard design patterns, ensuring a modular and maintainable codebase. It also adheres to best practices for performance optimization and code quality.

The platform allows seamless integration with third-party systems, such as billing, customer relationship management (CRM), and network management systems, to enable end-to-end telecom process automation.

Technology Stack:

.NET MVC

C#

ASP.NET

SQL Server

SSRS Reporting

JavaScript

jQuery

Azure

CampusMedicine and FMS is a comprehensive management system designed specifically for medical universities and institutions. It offers features to efficiently manage medical university operations, including medical records, student information, and financial details. The system integrates medical and financial data, providing a centralized platform for effective administration and finance management.

Medical University Management CampusMedFMS allows for the efficient management of medical university operations, including student enrollment, academic programs, faculty management, and scheduling. The system enables the digital storage and management of medical records, such as patient health information, medical histories, and diagnosis details, ensuring easy access and retrieval. CampusMedFMS maintains a comprehensive database of student information, including personal details, academic records, attendance, and performance metrics.

The system includes a robust fee management module to handle various aspects of financial transactions, including fee collection, invoice generation, payment tracking, and financial reporting.

Finance Management of CampusMedFMS provides financial management capabilities, such as budgeting, expense tracking, financial reporting, and auditing, to ensure transparency and accountability in financial operations.Reporting and Analytics: Integration with SSRS reporting allows for the generation of customized reports and analytics, providing insights into student performance, financial trends, and overall operational efficiency.The system securely stores medical and financial data in a SQL Server database, ensuring data confidentiality and integrity. CampusMedFMS features a user-friendly interface developed using ASP.NET and JavaScript frameworks like jQuery, offering a seamless and intuitive user experience.The system allows for integration with existing healthcare systems, such as electronic health record (EHR) systems and financial management systems, to enable data exchange and interoperability, Boimetric attendance .

Technology Stack:

C#

ASP.NET

SQL Server

SSRS Reporting

JavaScript

jQuery