

Kathyayani Sasala

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PROFILE

Dynamic and results-driven professional currently pursuing a Master's degree in Computer and Information Sciences from Florida Atlantic University, USA. Possesses a solid foundation in Enterprise Resource Planning (ERP) applications with three years of hands-on experience in implementing and managing ERP systems. Proven track record of effectively leveraging ERP solutions to streamline business processes and enhance operational efficiency. Certified in ServiceNow System Administrator, showcasing expertise in IT service management and process automation. Strong analytical, problem-solving, and communication skills with a passion for continuous learning and professional growth.

EDUCATION

Masters in Computer Science

Florida Atlantic University

01/2023 – 12/2024

Boca Raton, USA

Bachelors of Technology in Computer Science Engineering

Bharat Institute of Engineering and Technology

08/2015 – 05/2019

Hyderabad, India

PROFESSIONAL EXPERIENCE

Associate Consultant

Atos Syntel

11/2019 – 01/2023

Chennai, India

- Experience in the successful implementation of internal applications in Peoplesoft Finance for the modules Soap, Scale, and Project on both the front end and back end. Hands-on experience in bug fixing and issue resolving.
- Worked on database Microsoft SQL Server and Awareness of Application designer, PS Query & Process scheduler. Can write stored procedures and have knowledge of linked servers to access the table from different applications.
- Also Performed several types of testing, such as regression, System, Smoke, and configuration testing. Involving in Designing the Test Plan along with Test Scenarios, Test Data, and the Test Execution. Documented Test cases corresponding to business rules.
- Coordinating with Developers and customers for a better understanding of the requirement to analyze and offer them different workable solutions, getting feedback, and working on changed requirements, if any. Conducting UAT sessions with the customers.
- In addition to this, I got an opportunity to work on the ServiceNow Tooling Platform. My role includes working on flow design, which helps to automate the business process. In addition to this, I have been working on tickets and directly with clients on requirements.

SKILLS

Programming Languages

C, Core Java

Databases

MySQL, MongoDB

Scripting Languages

HTML, CSS, JavaScript

ERP

PeopleSoft, ServiceNow

Tools

Visual Studio Code, Android Studio, Eclipse, Jupyter Notebook

Testing

Selenium Webdriver, Manual Testing

PROJECTS

Sustainable Multi-Mode Transportation

01/2023

Florida Atlantic University

- Sustainable multi-mode transportation is a web application that shows the carbon emissions of different modes of transport and provides results to users based on the lowest carbon outflow.
- Based on the user's input To and From Locations, the system will show all the available routes and suggest modes of transport (Driving, Walking, Bicycle, Transit (Public transport)) ranging from less carbon to high carbon footprints. Using Google Maps API, we can show All modes of transportation and estimated carbon Emissions with appropriate time and distance.
- In addition, the best option will be Highlighted with the least carbon. When discussing public transportation, we will cover trains, buses, and other modes if applicable and show the approximate emissions using the best available data. The carbon calculation will be based on publicly reported greenhouse gas (GHG) emissions.
- Moreover, this application also provides weather updates which will be retrieved from API that helps the user to schedule his travel based on the mode of transport.

Connecting and Monitoring Devices Over IOT using Raspberry PI3

04/2019

Bharat Institute of Engineering and Technology

Designed to Monitor the body temperature and Heartbeat of patients using IOT. The readings from Both sensors are sent to the Raspberry PI and then to the webpage for real-time data gathering.

CERTIFICATES

ServiceNow(CSA)

Successfully Completed certification requirements for ServiceNow System Administrator.

Selenium

Certification of Udemy online course in Selenium web driver for Java beginners.

Android

Certification of Merit in Android Development Workshop.

RESEARCH PAPER

IOT in Smart Cities: Challenging, Future and Solution

04/2023

Florida Atlantic University

With the fast growth of technology in the last decades, the Internet of Things (IoT) has significant evolution in different industries. IoT makes it possible to gather, analyze, and share data in real time, which can be of great assistance to the quality of life. It is very important to leverage the power of technology to enhance city services and infrastructure, so IoT smart cities aim to produce more efficient, sustainable, and comfortable urban environments. Smart cities have a critical role in improving many aspects of life for people, improving the administration of their infrastructure, transportation systems, and energy usage. This research seeks to deliver a comprehensive summary of the concepts of smart cities. Moreover, this paper describes the IoT architectures, technologies, and essential applications for smart cities. Furthermore, it gives helpful insights into the bright future of IoT in smart cities. It highlights the importance of solutions security that utilizes Deep learning techniques and addresses the challenges of IoT smart cities.

AWARDS

SPOT Award

Atos Syntel

Recognized and awarded with the highest ratings in the appraisals at Atos Syntel. SPOT recognition from customers and Managers for the work delivered.

DECLARATION

I hereby declare that the information that I have furnished is authentic, and true to the best of my knowledge.

Kathyayani Sasala