

DAKSHITA RANJAN

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Online Profile:

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CAREER OBJECTIVE:

To be associated with a progressive organization that provides an opportunity to apply my knowledge and skills in order to keep along with latest trends and technologies.

PROFESSIONAL SUMMARY:

- Having 1.8+ year of development experience in .NET Framework
- Have knowledge and experience on MS Visual Studio, MVC 4.0/5.0, Razor View Engine, ASP.NET Web API, WPF, LINQ, AJAX, JavaScript, jQuery, JSON, HTML and CSS, MySQL.
- Experienced with Microsoft Application building blocks for .NET projects Data Access, Exception Handling, Serialization and User Interface Process.
- Developing and designing multi-tier architecture.
- Creating SQL stored procedures.

TECHNICAL SKILLS:

- Languages: C, C++, C#, XAML.
- .NET 4.0 and above Win Forms, Web Services, ASP.NET, WPF, LINQ, IDE Visual Studio 2017 and latest version, MySQL, Stored Procedure.
- Web Technologies HTML 5, CSS, AJAX, JQuery, JSON, JavaScript.
- Agile Methodologies, Algorithm, Data Structure, OOPS, SOLID Principles, Design Pattern, .NET Framework, Git.

EMPLOYMENT HISTORY:

Software Developer, Aug 2018 – Present (1 Years 8 Months) ParkingRhino Online Services Pvt. Ltd. – Bengaluru, Karnataka.

ACHADEMIC PROFILE:

Pursued B.E in Computer Science and Engineering from Assam Engineering College.

NAME OF EXAM	NAME OF SCHOOL/ COLLEGE	NAME OF BOARD/ UNIVERSITY	YEAR OF PASSING	AGGREGATE PERCENTAGE
AISSE	Vivekananda Kendra Vidyalaya (NEC) Baragolai	CBSE	2011	91.20
AISSCE	Vivekananda Kendra Vidyalaya (NEC) Baragolai	CBSE	2013	88.20
B.E.	Assam Engineering College	Gauhati University	2018	70.89

TEAM PROJECTS:

All the projects are live in the Indian market.

- **PARKING MANAGEMENT SOFTWARE**

This project includes APIs and Web Portal projects.

Technology Used: C#, MVC 4.0, Razor, LINQ, JSON, JQuery, JavaScript, ASP.NET Web API, MySQL.

Responsibilities:

- Involved in developing Web APIs using ASP.NET Web API for ParkingRhino B2C application, like user login/registration, user information update, forgot password, parking reports, etc.
- Developing a web portal using ASP.NET MVC which can perform all CRUD operations in the parking system structure and also allows clients to view various reports.

- **TITAN ULTRASONIC SENSOR DASHBOARD**

This project shows the real time availability of parking slots for a parking area.

Technology Used: C#, MVC 4.0, Razor, LINQ, JSON, JQuery, JavaScript, MySQL.

Responsibilities:

- Developing a portal using ASP.NET MVC which can perform all CRUD operations for gateway, sensors and dynamic marking of sensors in the parking layout.
- Developing a dashboard using ASP.NET MVC that shows real time occupancy or availability of the parking slots according to the mapped sensors on the parking layout. The dashboard also shows occupancy percentage and traffic of all parking slots.

INDIVIDUAL PROJECTS:

All the projects are live in the Indian market.

- **PARKING METER**

This project handles automatic parking ticket generation. I was responsible for the client-side application and building it from scratch.

Technology Used: C#, LINQ, JSON, WPF, Serial Port coding, SQLite.

Responsibilities:

- Developed a windows application for man less issue of parking ticket using a Parking Meter designed by the company. This software allows customers to collect the parking ticket from the installed machine by single press of a button or by tapping an authorized RFID card.

- **CASHIER APPLICATION**

This project handles cash collection at exit gate. I was responsible for the client-side application, reporting function and building it from scratch.

Technology Used: C#, LINQ, JSON, WPF, Serial Port coding, SQLite.

Responsibilities:

- This application is operated by a parking operator. It is used to exit the tickets generated by the Parking Meter. This application is customizable according to the client needs. Loss of ticket, shift change of operator, shift report and issue of ticket in case of hardware failure of Parking Meter is handled in the application.

- **DESKTOP APPLICATION**

This project is used in place of parking meter if cash has to be collected at entry. I was responsible for the client-side application, reporting function and building it from scratch.

Technology Used: C#, LINQ, JSON, WPF, Serial Port coding, SQLite.

Responsibilities:

- This application is operated by a parking operator. It is used to in place of Parking Meter. This application can be installed in any windows 7 or above systems.

ACADEMIC PROJECT:

- Successfully completed a project on Non-word and Real Word Error Detection and Correction in NLP with reference to English language.

INTERNSHIP:

- Successfully completed my internship at Center for Development of Advance Computing (C-DAC), Pune in the area of High-Performance Computing (HPC).

Project :- Implementation of Massively Parallel Radix Sort Algorithm using CUDA.

ACHIEVEMENTS:

- Recipient of North Eastern Council Scholarship (Engineering Merit Scholarship).
- Declared as Zonal Winner at Assam Engineering College for Network Security Championship – India.
- Declared as Zonal Winner at Tech Booster, Guwahati for BrainTech Network & Cyber Security Championship-2017.

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.



(DAKSHITA RANJAN)

Place: Bengaluru

Date: 28th April, 2020