Jay Parikh

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"Be the change that you want to see in the world."

Objective

Detail oriented Physics graduate and Microsoft Certified Lead IT professional hopeful for the position of Power Apps Developer to apply 4 years of experience in system development and analysis looking to join a team focused on quality and efficiency. A team player with strong system development, data analysis, trouble shooting and communication skills.

Work Experience

AlarmTek Smart Security   *Saskatoon, Sk*

SOFTWARE DEVELOPER   *Sept. 2020 - Current*

- Independently worked on the migration of legacy applications to current Microsoft technologies.
- Design backend databases, front end user interfaces and logical layers as per the business requirements using Agile methodology.
- Collaborate with Marketing and sales team to create canvas app for quick quote estimate. Simplified the Customer Service and Field Service model driven app for its optimum use as per requirement.
- Work with accounting department to simplify the billing process by Building complex calculative canvas app, along with automating the process of ordering the products and sending work order copy to customer using Power Automate and Power Apps. Also, part of my job is to maintain the smooth operation of the developed systems.
- Assist with documentation and training module of the developed system, along with analysing and resolving technical and application problems among different departments throughout the company.
- Identify and encourage area for growth and improvement within team by simplifying current process using PowerApps.
- Creating dashboards for data analysis using Power BI. e.g., Dashboards to track daily leads,sales and detailed report of Inventory for Marketing and Billing department.

University of Regina   *Regina, Sk*

STUDENT RESEARCH ASSISTANT   *Jan. 2018 - Sept. 2020*

- Designed an experiment for automatic gain correction procedure of SiPM
- Data acquisition using CAEN
- Analysis and visualisation of large data set using c++
- Machine learning using Python
- Technical writing and presentation with LaTex and PowerPoint

University of Regina   *Regina, Sk*

TEACHING ASSISTANT   *Jan. 2018 - Sept. 2020*

- Teaching Physics Labs to undergraduate students.
- Completed and filed all necessary paperwork for classroom activities, including attendance logs.
- Supported instructor with test administration and assignment grading.
- Encouraged dynamic and pleasant educational environment by promoting both gentle discipline and positive student behavior.
- Worked with individual students to provide personalized educational, behavioral and emotional support.

University of Regina   *Regina, Sk*

VOLUNTEER   *October 2018*

- Help school students to perform hands on experiment for Fall open house
- Guide students to take informed decision and solve their query about pursuing physics degree

Certifications

Microsoft   *Etobicoke, ON*

MICROSOFT CERTIFIED: POWER PLATFORM FUNDAMENTALS   *Jan. 2022*

Microsoft   *Etobicoke, ON*

MICROSOFT CERTIFIED: AZURE AI FUNDAMENTALS   *Sept. 2021*

Skills

- Linux operating system
- Microsoft Power Platform
- Microsoft Azure
- Microsoft Power BI
- Google Analytics
- Google Tag Manager
- Monte Carlo Simulation
- C/C++
- Python
- LaTex

Education

University Of Regina   *Regina, Sk*

MASTER OF SCIENCE (PHYSICS)   *Jan. 2018 - Sept. 2020*

- Thesis: The development of PET imaging system capable of improved image quality and increased detector sensitivity
- Graduated with 80%

St. Xavier's College   *Ahmedabad, GJ*

BACHELOR OF SCIENCE (PHYSICS)   *June 2014 - April 2017*

- Project: Size effect on melting temperature of nano particle
- Graduated with GPA:4

Co-curricular Activities

TRUIMF   *Vancouver*

SUMMER STUDENT   *Aug 2018*

- Participated in Graduate Instrumentation and Detector School 2018

St. Xavier's college   *Gujarat, India*

RESEARCH FELLOW   *2017*

- I got selected by Physics department and worked on "Size effect on melting temperature of nano particles" under the guidance of Dr. Tushar Pandya.

Indian association of Physics teacher   *Punjab, India*

PRESENTATION SPEAKER   *November 2016*

- Presented my research work "Size effect on melting temperature of nano particles"

Institute for Plasma Research   *Gujarat, India*

PARTICIPANT   *2015, 2016*

- Participated actively in National Science day Celebration
- I have done a project on "To be friend with Radioactivity" and "Cloud Chamber model" under the supervision of Dr.Cvs Rao and Dr.Tejen Basu in 2015 and 2016 respectively.

Honors & Awards

INTERNATIONAL

2018	**UR Graduate Research Award**,	*Regina, Sk*
2018	**FGSR Master graduate teaching assistanceship**,	*Regina, Sk*
2018	**UR Graduate Scholarship**,	*Regina, Sk*
2019	**UR Graduate Scholarship**,	*Regina, Sk*
2019	**UR Graduate Research Award**,	*Regina, Sk*
2020	**UR Graduate Scholarship**,	*Regina, Sk*
2020	**UR Graduate Research Award**,	*Regina, Sk*

DOMESTIC

2017	**Gold Medal and Scholarship for excellent work in Research**,	*Ahmedabad, GJ*