Ravi Kumar Singh

14th Feb 1998

Jamshedpur,Jharkhand

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https://www.ravikumarsingh.me/

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About me

Starting from school I had a keen interest in managing services, or getting things done on my own, as asked by my seniors.I can manage and do things with little or no assistance. As I grew up I got to know that I have interests in Computers and thus I did my Engineering in Computer Science, and after exploring further I developed interest in the Python Language and other services and technologies related to Data Processing and Storing, throughout my engineering, my favorite subject was Database Management System and hence I have my project which includes Database in it. I have also volunteered for placements at my college, where my work was to assign specific duties to the helping volunteers for the hiring process to go on smoothly.

Skills

GCP Basics

HTML

RDBMS

Python

NodeJS

Aws Basics

Education

2016-2020	Computer Science Engineering CGPA :- 8.79	ITER, S'O'A University
2014-2016	Intermediate Percentage :- 75.20	St. Mary's English High School
2014	Matriculation CGPA:- 8.8	St. Mary's English High School

Experience

2020	Teksystems Global Services Trainee Engineer Data Insights Practice	October 2020 - Present

Internships

2020	TekSystems Global Services Data Insights Trainee	Jan 2020 - Mar 2020
2019	Tata Steel Vocational Trainee	Jun 2019 - July 2019

Projects

2020	DataBase Connector	Ongoing

A web ui to query on a database and edit the data saved to the database by editing the query table and update the data of the database using the web ui, rather than the update query.
Github:- https://github.com/simplyrks/DatabaseConnector

2020 Hotel Management System
This is an application which will help the manager to operate the hotel in a efficient manner, which is based upon HTML, CSS, PHP and My-SQL
Link:- https://simplyrks.000webhostapp.com/

2019 Intellipark
A website that would tell people that whether there is a parking space available in the parking lot, or not and if yes where the available space is, and also which parking space is occupied by whom.
Github:- https://github.com/simplyrks/IntelliPark

2017 Big Number
It is a C - based program that can perform arithmetic operations on extremely big numbers.
Github:- https://github.com/simplyrks/BigNumber

Position of Responsibility

2015 - 2016	Assistant Minister for Health and Cleanliness St. Mary's English High School	School Council
2015 - 2016	Secretary St. Mary's English High School	Interact Club
2019 - 2020	Campus Ambassador Spring Fest Institute of Techincal Education and Research	IIT Kharagpur

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Skills

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RDBMS

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NodeJS

Aws Basics

Projects-Teksystems

Safe@Work

A System to get data from the employees and generate a analytical view of the organisation which will also help in predicting whether it is affordable to open the organisation for employees or not. And to keep an eye on the ongoing effects of the Corona Virus on the organisation.

2020	Worked on AWS GLUE Created crawlers and Jobs Python code to shift data from DynamoDB to Athena to Redshift

Cloud Migration Toolkit

A program to move data from Conventional databases to Google Cloud Bigquery, which also included a automatic testing component to test whether the data has been correctly copied or not.

2020	Schema Migration	
	Python code to Extract schema and build create statements for the given Database	
2020	Bigquery Automation Testing	Ongoing
	Python code to Connect to Bigquery Code to get data from Bigquery in desired form	

Chat Bot

A chat bot to connect to service now and register tickets for incidents and requirements, and to reset password for employees via their managers.

2020	Cloud Functions	Ongoing
	NodeJS code for calling different API's on different servers NodeJS code for multi-factor authentication via chat bot NodeJS code for write and read operations on Google Cloud Datastore	
2020	Service Now	Ongoing
	Used API's to do CRUD operations on Tables Used upload Attachments API	
2020	Google Cloud Pubsub	Ongoing
	NodeJS code on App Engine to get data from Pubsub Topic and Push to MySQL table Created Pubsub Topic and Subcription	
2020	Google Cloud DialogFlow	Ongoing
	Integrated DialogFlow chat bot with google cloud functions for updating parameter using webhook call	
2020	Azure Active Directory	Ongoing
	Created Apps on Azure AD for Single-Sign-On via UI using MSAL-Angular library.	

Extra Information

2020	Teksystems Hackathon
	Awarded for the Coolest team of the Hackathon.
2016 - 2020	VG Gopal Scholarship by Tata Steel Ltd
	Scholarship for students pursuing professional degrees.
2010 - 2014	Diploma in Fine Arts
	A 4 year degree course in Fine Arts