

# SARATH SONTAM

Software developer, Sofvie Inc., Sudbury, Ontario  
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## Summary

Experienced Software Developer with 4+ years in backend (Python) and frontend (Angular JS) development. Proficient in writing Django REST APIs and Python Flask framework, with expertise in creating complex queries using ORM in Restful APIs. Skilled in database management with SQL Server Management Studio, SQL Developer, MySQL GUI Tool, Maria DB, and Workbench. Adept at version control using Bitbucket, Git/GitHub, and issue tracking tools like Jira and ClickUp. Actively involved in planning, developing, modifying database structures, troubleshooting, and fixing Python bugs. Familiar with Kubernetes for development and beginner-level AWS management. Eager to expand skills in cloud services and container orchestration

## Skills

- |              |                  |                   |                      |
|--------------|------------------|-------------------|----------------------|
| • Python     | • JavaScript     | • Atlassian Suite | • Time Management    |
| • Django     | • jQuery         | (JIRA,            | • Communicate Skills |
| • Django ORM | • HTML & CSS     | Confluence,       | • Teamwork           |
| • REST APIs  | • MySQL          | BitBuket,         | • Adaptability       |
| • Flask      | • Postgres SQL   | SourceTree)       | • Problem solving    |
| • Pandas     | • R (Statistics) | • ClickUp         |                      |
| • AWS        | • Power BI       | • Git             |                      |
| • Kubernetes | • C, C++         | • Agile working   |                      |
| • Jinja 2    | • C#             | modal             |                      |
|              |                  | • Waterfall       |                      |
|              |                  | working modal     |                      |
|              |                  | • MS Office       |                      |

## Work History

### Sofvie Inc.

#### Software Developer

August 2020 -

- Works extensively on backend (Python) and frontend (Angular JS).
- Proficiency in writing Django REST API's and Python Flask framework.
- Wrote complex queries using ORM in Restful APIs to extract data from MySQL.
- Proficiency in using Pandas to generate analytic reports.
- Proficiency in writing Jinja2 html templates.
- Worked on creating database tables using Django models, migrations and creating stored procedures, views, and events in MySQL (Maria DB).
- Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers.
- Experience with SQL Server Management Studio, SQL Developer, MySQL GUI Tool, Maria DB and Workbench.
- Extensive knowledge on using project management tools like JIRA, and ClickUp.
- Extensive knowledge on using GitHub, Bitbucket, Source tree for version controlling.
- Actively involved in development planning includes database modeling, API design, accurate estimation for build and implementation of projects
- Actively involved in designing database and modifying existing database structures
- Hands on knowledge in setting up a Kubernetes cluster for development.
- Beginner in AWS with foundational knowledge of EC2 instance creation and management.
- Familiar with deploying and managing Kubernetes clusters for development purposes.
- Knowledgeable in basic networking and security settings within AWS.
- Eager to expand skills in cloud services and container orchestration.

**Applied Research Assistant**

Worked on multiple projects which include extensive use of Arduinos, to build and program the electronics for a remote sensing vehicle for risk analysis by creating live visualizations.

**Peer Tutor**

Active as a peer tutor in various subjects (including Python, SQL, Excel) by providing tutoring support to fellow students at Cambrian College.

**VBRS IT Solutions****Business Development Executive****July 2018 – August 2019**

- Build contacts with potential clients to create new business opportunities and keep prospective client databases updated.
- Estimating the cost of project and preparing the quotations for clients.
- Involved in requirement management and communication with clients.
- Assisting with business case, planning, and monitoring.
- Coordinating meetings for senior management with prospective clients and managing client relationship.

**Roopasoft LLP****Software developer****November 2014 – January 2016**

- Worked as a beginner on a project, creating HTML web pages.
- Developed login pages using ASP.NET for one of the projects.
- Wrote SQL queries to support data retrieval and management in a project.
- Assisted in gathering project requirements by meeting with clients.
- Participated in project planning and coordination sessions with clients.

**Education****Cambrian College of Applied Arts and Technology****September 2019 – July 2020****Business Analytics (Post Graduate Certificate)**

*Courses: Python, R (statistics), Excel, Report writing, Data visualization, Datamanipulation, SQL*

*Projects:*

- *Worked on network mapping for twitter users (friends and followers) using Python, Twitter API and Gephi.*
- *Technological Assistant to other groups working on Python Twitter API and Web Scraping using BeautifulSoup*

*Recognized for outstanding performance in the project.*

**Osmania University****October 2016 – July 2018**

Master of Business Administration

*Courses: Marketing, Integrated marketing communications.*

*Projects: Customer Satisfaction Towards TVS Motors*

**Jawaharlal Nehru Technological University – Hyderabad****October 2010 – July 2014**

Bachelor of Technology

*Courses: C, C#, Computer science engineering*