Hanymol B S
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Work Experience:

Systems Engineer - Infosys
Roles and Responsibilities   **Jan'21 – Jun'22**

- Worked in an **Agile team of .NET developers** for **cloud migration of Oracle based applications to SQL** based applications.
- Implemented **SQL database design** and execution of the database objects.
- Worked on **Azure portal** for monitoring the application and database servers.
- **Optimized** the **run time of database objects**. My team were able to **reduce the run time by 15%.**

Achievements:

- Received **Promising Newcomer of the Year award** from the client.

Education:

Qualification	University/Board	Percentage/CGPA	Year
PGP in AI&DS	Jio Institute	9.38 (Q1)	Jul'22 - Present
B. Tech – IT	CUSAT	9.35	2020
12th	Kerala HSE	97.6%	2016
10th	Kerala Board	98%	2014

Projects/Internships:

- **AI4J – Capstone project**
  A **virtual legal assistant** that aims to leverage advanced machine learning **(ML) and** natural language processing **(NLP)** to **analyze** a large collection of **legal corpuses**. The goal of this assistant is to **help legal professionals find similar cases and predict the outcomes of legal cases**. The end result would be a user-friendly interface that allows legal professionals to easily search for and access relevant information.

- **Early Detection of Sepsis: Machine Learning**
  A ML based project **to detect** whether a person will be **sepsis positive 6hr and 12hr prior to getting tested positive**. (PhysioNet 2019 Challenge)

- **Voice enabled recipe assistant Natural Language Processing:**
  A voice-controlled bot that uses natural language processing to understand and retrieve information from recipes, including ingredients and instructions.

- **Big Data Engineering:** Implemented **k means clustering with PySpark** in Databricks.

- **Automatic car prototype:** Final year engineering project
  Built some **features of self-driving cars** using **Raspberry pi and IR sensors** which detects traffic signal and move following the lane.

Research/ Certification:

- Google Data Analytics Professional Certification
- Microsoft Azure Fundamentals
- Recipient of the prestigious Grace Hopper Celebrations India scholarship which is awarded to future women tech leaders.
- Cloud certifications from Google Cloud.
- Snowflake Certification.

Extra-Curricular Achievements:

- **Reliance TUP 8.0** (Pitching Innovative Ideas) competition **National finalist** among the 400 top B-schools in India.
- **Organized** and **volunteered** for technical workshops and talks as part of **Women Tech Makers** and **Google Developers Group**, Cochin.
- **Captain** of Cochin University's **Women Throwball team** and **led the team** to win inter-university throwball competition.
- **Top 0.01 percentile** from the Cochin University **to receive the internship offer from Shimane University Matsue, Japan**

Skills:

- SQL, Python, Excel, Tableau, Azure, Databricks (Pyspark), ML modelling, NLP, HTML, CSS, C#, Angular Js

Hobbies:

- Doodling, Singing, Sports