




# RAMSI FAVAS KP

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 [LinkedIn-Profile](#)  [GitHub-Profile](#)  [Portfolio-Website](#)

## PROFILE

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MSc Computer Science graduate with a passion for Python programming and a strong foundation in Data analysis, Data management and visualization tools like Power BI and Excel. I have hands-on experience in data engineering and machine learning, gained through my internship as an Data Engineer. I am skilled in database management using PostgreSQL and proficient with Git version control. Eager to leverage my analytical and technical skills in extracting insights from data, I aim to contribute to data-driven decision-making in a dynamic team environment.

## PROFESSIONAL EXPERIENCE

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### DATA ENGINEER | HAYAGO SMART SOLUTION PVT LTD, HYDERABAD

JULY 2024 – PRESENT

As a Data Engineer Intern with Hayago Smart Solution, Leveraged Python for data analysis, preprocessing, and exploratory data analysis (EDA), providing actionable insights to support strategic decision-making. Focused on ensuring data accuracy through cleaning, validation, and preprocessing techniques. Emphasized data visualization by creating comprehensive reports and interactive dashboards using Python and SQL, making complex data accessible and understandable for stakeholders. Collaborated with cross-functional teams to translate data into meaningful insights, contributing to the development of data-driven strategies.

## PROJECTS

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### 1) COMPANION Web Application | [GitHub](#)

Built Using HTML, CSS, JS and Python(Machine Learning).A comprehensive Web Application for effective sleep health management using Machine Learning and Integrate with Google AI Studio for real time Chatbot. It helps manage sleep duration with a smart alarm, and provides educational resources.

### 2) Movie Verse | [GitHub](#)

Built Using Python(Django), HTML, CSS Java Script. Developed a dynamic web application enabling users to create personalized profiles, share movie posters, upload YouTube trailer links, and contribute reviews and ratings for their favorite movies. The platform fosters an engaging community for movie enthusiasts, providing an intuitive interface and seamless functionality.

### 3) Revenue Insights Analysis in Hospitality Domain using Power BI | [GitHub](#)

- Analyzed key revenue metrics such as RevPAR (Revenue per available room), ADR (Average Daily Rate), Occupancy %, and Realization % across multiple properties.
- Developed interactive Power BI dashboards, enabling dynamic filtering by city, room class, and time period.
- Visualized trends over time, identifying performance shifts and providing actionable insights for revenue optimization.

4) Calculator Project | [GitHub](#)

Built using Python. A basic calculator application that performs standard arithmetic operations like addition, subtraction, multiplication, and division. Provides a user-friendly interface to facilitate mathematical computations effectively.

5) MOTO CARE Application:

Built Using Android Studio(Java, XML).Road-Side vehicle assistance app. In which android users can get vehicle related mechanical information they need anytime and anywhere.

EDUCATION

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<b>Master of Science(M.Sc.) - Computer Science</b>	<b>Jun 2022 - May 2024</b>
PONDICHERRY UNIVERSITY, Pondicherry	
<b>Bachelor of Science(B.Sc.) - Computer Science</b>	<b>Jun 2019 - Apr 2022</b>
Sullamussalam Science College (UNIVERSITY OF CALICUT)	
<b>Higher Secondary Education</b>	<b>Jun 2017 - Mar 2019</b>
(Physics, Chemistry, Mathematics, Biology)	
C.H.M.H.S.S POOKOLATHUR, Kerala	

SKILLS SUMMARY

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**Programming Languages and Frameworks:** Python, R, HTML5, CSS3, JavaScript, SQL, Java.

**Development Tools:** Power BI, Tableau, VS Code, MS Office (Word, Excel, PPT).

**Platforms:** Visual Studio Code, PyCharm, Google Collab.

**Intermediate Knowledge:** DBMS, Data Structure, OOPS.

**Version Control and Collaboration:** GitHub, Git.

**Databases and Data Management:** MySQL, Microsoft SQL Server.

**Data Analysis and Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau.

**Data Manipulation and Cleaning:** Data Cleaning, Data Preprocessing, Feature Engineering.

**Machine Learning:** Scikit-learn, Decision Trees, Random Forests, TensorFlow, Neural Networks

**Soft:** Team work, Understanding, Time management, Communication, Problem Solving.

**Personal:** Self-Motivation, Adaptability, User Empathy, Creativity.

CERTIFICATIONS

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<b>Python and Django on AVODHA EDUTECH</b>	<b>September – 2023</b>
<b>Data Analytics with Python on NPTEL (Founded by the MoE, Govt. of India)</b>	<b>April – 2023</b>
<b>Career Essentials in Data Analysis by Microsoft and LinkedIn</b>	<b>September – 2023</b>
<b>Java Programming on Udemy</b>	<b>October – 2024</b>
<b>The Complete Microsoft Excel 365 Masterclass on Udemy</b>	<b>November – 2024</b>
<b>Certificate of completion Data Tableau workshop from Jobaaj Learnings</b>	<b>August – 2024</b>