

# Saketh Sarabu

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## Profile Summary

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Experienced AI developer with 1.3 years of dedicated work experience, creating Conversational AI bot using RASA framework. Adaptable problem solver, skilled in translating business requirements into technical solutions and vice-versa. Seeking AI Developer or Software Development Engineer at Innovative and Solution-Driven firm.

## Skill Highlights

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- Smart worker
- Innovative, Creative
- Logical Thinking
- Good Team Player
- Strong decision maker
- Accurate and Precise
- Critical Thinking

## Technical Competencies

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|---|--|--------------|
| • Python (Primary)  | • RASA                                       | • Rest API's |
| • DSA (Intermediate)  | • Java                                       | • Fast API   |
| • Redis   | • NoSQL                                      | • Flask      |
| • Linux   | • Git  | • Docker     |
| • Big Data Analytics<br>(Hadoop, Apache Spark,<br>Databricks) | • Big Data Tools (HDFS,<br>Hive, Amazon EMR) | • Kubernetes |
|   | • Data Processing (Hive)                     | • MongoDB    |
|   |  | • NGINX      |

## Work Experience /Training

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### Python / Conversational AI Developer (at Saarthi.ai)

June 2022-August 2023

Worked as a Conversational AI developer to build multiple AI bots using RASA framework. Major contributor to the development of MAIA product, specializing in system design and AI bot development.

- Maintained, developed, and deployed numerous micro services in a dynamic and scalable architecture.
- Maintained, developed and deployed audio services for voice bots, harmonizing local audio resources while integrating Microsoft TTS and Google TTS for entity components.
- Maximized application efficiency, data quality, scope, flexibility, and scalability.
- Innovated the creation and implementation of FastAPIs, following established REST design principles, ensuring smooth integration with diverse client applications.

- Spearheaded the application's Dockerization and deployed in Kubernetes and complemented by the adept management of NGINX web servers to handle high volumes of web traffic, improving application performance and reliability.
- Garnered hands on experience in data analytic and have experience in pandas for data analysis.
- Implemented efficient and refined database management solutions using Redis and NoSQL technologies, ensuring unparalleled performance and data integrity.
- Conceptualized, developed, and executed Conversational Voicebots and chatbots for Paytm, ICICI, Axio, Bajaj, OLA and others.
- Led a team to build various microservices for bots.

### **Big Data Analyst Intern (at REGex Software Services)**

#### **May 2021–July 2021: Cricket Players Performance System**

“Cricket Players Performance System” is a application to identify the best players from the pool by computing various factors like experience, batting and bowling stats and it accounts various other factors in that specific stadium to select best team. The project is created using Python Django, Apache Hadoop and Spark.

- Developed a program used to check the performance of the cricketers of different countries in various types of international matches to select best team.
- I have worked on data integration with Talend Open Studio.

## **Projects**

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### **July 2019-April 2020: TRAVEL CIRCLE**

“Travel circle” is a web application to get complete information if they are planning for a tour or they are looking for any tour packages from starting to till they reach home.

- Complete guidance about each and every aspect for tours.
- I have worked on Front end web development with HTML and CSS.

### **July 2018-April 2019: SMART STICK**

A concept walking stick for visually disable people that could warn them in different types of situations using various types of sensors that can alert with different alarms and vibrations.

- Using Adrino micro controller.
- I have helped with deciding which sensors is suited for project and user experience.

## **Education**

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**2018- 2021:** Bachelor of Technology in Computer Science & Engineering

Sir Padampat Singhania University, Udaipur, Rajasthan.

**2016-2018:** Intermediate (12<sup>th</sup> grade)

Vishra Junior College, Hyderabad, Telangana.

**2016:** Secondary School Certificate (10<sup>th</sup> grade)

Sri Chaitanya Techno School, Hyderabad, Telangana.

## **Certifications**

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**September 2023:** Oracle Cloud Infrastructure 2023 Certified Architect Associate

**May 2021:** Big Data Analytics with Spark & Databricks

**March 2019:** Fundamentals of Cloud Computing

**February 2019:** HTML and CSS Foundations

**January 2019:** Network Protocol Fundamentals  
**December 2018:** Bash Shell Scripting and Automation

## Personal Details

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**Father's Name:** Mr. Sarabu Venkateshwarlu  
**Mother's Name:** Mrs. Sarabu Swarajyalaxmi  
**Date of Birth:** 30-11-2000  
**Languages Known:** English, Telugu, Hindi  
**Hobbies:** Passionate about staying updated on Science and Technology current affairs, following tech news, engaging in video games, chess, speed cubing, and exploring the world of high-quality audio as an audiophile.

## Contact Details

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