

# Pothala siva prasad

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## Professional Experience

### Invoke Technologies

#### Working as “Dotnet backend developer”

Sep 2023 – present | Hyderabad, Telangana, India

- Collaborated with cross-functional teams to understand and translate business needs into technical requirements.
- Developed and implemented highly efficient (.NET Core) web APIs for critical business use cases, resulting in a **24%** increase in user throughput.
- Optimized database performance through strategic schema design and utilization of Liquibase for database version control.
- Integrated Elastic for efficient data search and retrieval, enhancing user experience and data accessibility.
- Streamlined the development and deployment lifecycle using Jenkins for continuous integration and continuous delivery (CI/CD).
- Automated service management tasks and incident response through ServiceNow, ensuring smooth operation and rapid issue resolution.

**Tech Stack : C#, .NET Core, Oracle, Liquibase, Jenkins, Elastic**

#### Working as “Intern”

Feb 2023 – Aug 2023

- Developed a poc named Medical Appointment Generator, which gives appointment based on the patient details.
- Design user interfaces and implemented responsive web designs
- Collaborated with cross-functional teams

**Tech Stack : C#, .Net Core, Azure Fundamentals**

## Projects

### MCQ Generator with LangChain

- Developed an automated MCQ generation system using Python's Streamlit framework for a user-friendly interface.
- Leverages OpenAI's API to process user input, including a text file containing content, desired difficulty level, number of questions, and subject area.
- Dynamically generates MCQs based on the input, ensuring each question has four answer options and a designated correct answer.

### Sign language Interpreter

- Developed a machine learning system using Python to recognize and convert American Sign Language (ASL) gestures into text.
- Facilitates communication between deaf and hearing individuals by providing real-time text translation of ASL signs.
- Focused on improving accessibility and inclusivity for the deaf community.

## Skills

- **Programming Languages :** C , Python, C#, Java
- **Languages/Methodologies:** Asp .Net core, MVC, Web API.
- **Databases:** SQL Server 2019, MySQL, PostgreSQL.
- **Web Technologies:** HTML5, CSS3
- **Courses:** Data Structures and Algorithms, OOPS, DBMS, Operating Systems.
- **VERSION CONTROL :** Git / GitHub.

## Certificates

Microsoft Azure Fundamentals  
AZ-900

python data structures  
Coursera

Programming Essentials in C  
Cisco Networking Academy

## Education

**B.tech(computer science of engineering), MVGR college of engineering - 8.97CGPA**

Aug 2019 – May 2023 | vizianagaram, india

**Intermediate, Sri Chaitanya junior college - 9.98 CGPA**

Jun 2017 – May 2019

**Secondary Education, Sree vidyanjali high school - 10 GPA**

May 2014 – May 2017

## ACHIEVEMENTS

-secured **AIR 1716** in **GATE CS 2023 (99555 registered)**. - secured **6957** in **EAMCET 2019(156k Registered)**.

## Interests

coding | Playing batminton | playing cricket | watching movies | listening to music

## EXTRA CURRICULAR

### worked as functional coordinator Head for GLUG (Gnu linux user group)

- Using the current trending technologies for a progressive society.
- managed a Coding Club where 100+ students are trained on Data structures & algorithms.

### Swecha bootcamp

- Organized 3 Day workshop named BOOTCAMP in MVGR College Associated with SWECHA and I taught the students the basics of Python.