

# Prachi Rishikesh Manwar

 prachi24s /  prachimanwar /  prachimanwar21@gmail.com /  +1-314-906-1899

## SUMMARY

An entry-level software professional, dedicated team player with excellent communication, problem-solving, and critical-thinking skills. Looking to start immediately in a competitive role to improve the organization's profitability.

## WORK EXPERIENCE

### Software Engineer Intern, Turing Medical – St. Louis (Hybrid)

June 2023 – August 2023

- Developed a web application system for order management using GO programming language
- Designed the user interface using HTML, CSS, & JavaScript, and used MySQL Workbench to store the data
- Collaborated with research & development and salesforce teams to ensure quality in all phases of web development

### Research Student Worker, Big Data Analytics – Saint Louis University

Jan 2023 - May 2023

- Conducted an investigative study on Polymyositis disease to identify shared genetic factors through comparative analysis with single-cell data and the study revealed that the highest number of common genes are 45.
- Assembled data from the GREIN website and performed data analysis and used Venny 2.1 to find identical genes.

### Teaching Assistant, Computer Security – Saint Louis University

Aug 2022 - Dec 2022

- Assisted students in developing a comprehensive understanding of essential security principles and practices.
- Worked on encryption and decryption of data with AES, DES, RSA, and cryptography.

### Fellowship, Robotics – Saint Louis University

Aug 2022 - Dec 2022

- Implemented Spike tool to facilitate the teaching of Python programming to students with a specific emphasis on addressing challenges related to robotics.

### Python Internship, Forsk Technologies – Jaipur, India

Oct 2020 - Nov 2020

- Developed a prototype system to analyze call data records utilizing Python's Pandas and NumPy to generate line and pie charts displaying call, device, and service data analytics.

### Android Internship, Pinnaculum Infotech Pvt. Ltd - Amravati, India

July 2017 - Oct 2017

- College Android App is specially developed for college students, faculty, and administrative staff.
- Worked with XML for UI designing, Java for connectivity, and MySQL for storing user data.

## PROJECTS

### Jarvis an AI (Artificial Intelligence) Assistant – Self Project

May 2020 - June 2020

- Developed a virtual assistant powered by voice commands using Python. Its capabilities include sending emails, responding to questions, assisting with organization, information retrieval, launching web browsers, capturing screenshots, and entertainment.
- Additionally, it can control various functions of a computer such as logging out, shutting down, and restarting.

### IoT-Based Smart Garbage Management System

Aug 2018 - March 2019

- Developed a web application using PHP and an Android application using Java to assist the Municipal Corporation for garbage collection and used Ultrasonic and Humidity sensors to assess the garbage level in the dustbin.
- Integrated with MySQL to present the previous activities of the dustbin and to fetch the dustbin location.

## EDUCATION

### Master of Science in Computer Science - Saint Louis University

Jan 2022 - Dec 2023; GPA:3.3 /4.0

## SKILLS

**Programming Languages:** Go, Python, HTML, CSS, JavaScript, Java, PHP, C, C++

**Other:** MySQL, XML, JIRA, GitHub, Confluence

## Achievements

- Student Supervisor in Sodexo at Saint Louis University
- Presented a paper in TECHXELLENC (UG Student Conference) during the 61st Annual convention-2018
- IETE Student Forum Member (ISF)