

# Ruchita Amale

Computer Engineer - PICT

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Portfolio: <https://ruchita-amale.github.io/Portfolio/>

## CAREER OBJECTIVE

To work with a progressive organization that provides me an opportunity to grow and exploit my programming skills. Advanced knowledge in Python and MySQL.

## EDUCATION

### SCTR's Pune Institute of Computer Technology, Pune

B.E. - Computer Engineering, 2021 - 2024

Savitribai Phule Pune University

7.94 CGPA

### Amrutvahini Polytechnic, Sangamner

Diploma - Computer Engineering, 2018 - 2021

Maharashtra State Board of Technical Education

96.40%

### Dr. B. G. Dere English Medium School, Sangamner

SSC - 2017 - 2018

Maharashtra State Board

89.40%

## SKILLS

**Languages:** Python, C, C++, PHP, HTML, CSS, JS

**Frameworks / Libraries:** Bootstrap, Flask, Numpy, Pandas

**Databases:** MySQL, MongoDB

**Tools / Platforms:** Power BI, Git, Photoshop, Bootstrap Studio, VS Code, Pycharm

## FUNDAMENTALS

- Data Structures
- Object Oriented Programming
- Database Management System
- Operating System

## PROJECTS

- Counseling Chatbot using Generative AI** - PICT  
Python, HTML, Bootstrap, JavaScript, Php. | OCT 2023 - MAY 2024  
Developed a chatbot integrating deep learning techniques. Used GPT for dialogue generation, BERT for sentiment analysis, and incorporated voice cloning to enhance empathetic and active interactions.  
Github Link - <https://github.com/ruchita-amale/counseling-chatbot-using-generative-ai>
- Youth Celebration Website** - SSY Organization  
Python, HTML, Bootstrap, JavaScript, Php. | OCT 2022 - Jan 2023  
Collaborated with Siddha Samadhi Yoga (SSY) to develop a platform aimed at inspiring youth involvement in village development. Facilitated registration for upcoming programs and events to encourage active youth participation in community growth.
- Attendance Management System using Face Recognition** - Amrutvahini Polytechnic  
Python, HTML, Bootstrap, JavaScript, Php. | Jan 2021 - May 2021  
Streamlined attendance tracking by registering faces during admission and employing the Haar Cascade method to capture and recognize faces from classroom photos, enhancing accuracy and efficiency in attendance monitoring.  
Github Link - <https://github.com/ruchita-amale/Attendance-Management-System-Integrated-with-Face-Recognition>
- Competition Management System using PHP** - Amrutvahini Polytechnic  
PHP, HTML, CSS, JavaScript | OCT 2020 - Jan 2021  
Developed a system for seamless registration, payments and automated certificate generation for competitive exams. Used PHP to personalize certificates by embedding student names into templates, enabling efficient and accurate certificate downloads.

## PUBLICATIONS

- R. Amale, M. Jambhalkar, and A. Dharamadhikari. Survey on AI Driven Chatbot Counselor. International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 11 Issue: 11 | November- 2023
- R. Amale, M. Jambhalkar, and A. Dharamadhikari. AI Driven Chatbot Counsellor. International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 08 Issue: 06 | June- 2024

## ACHIEVEMENTS -----

- 2nd rank in intercollegiate project competition
- 1st rank in College Level Coding Competition
- 5 stars for Python skills on HackerRank.
- 5 stars for C++ skills on HackerRank.

## CERTIFICATIONS -----

- AMCAT - The Aspiring Minds.
- Machine Learning, Data Science and Generative AI with Python - Udemy
- Artificial Intelligence with Python - Udgam IIT Guwahati.

## HOBBIES -----

Coding, Travelling, Sketching

## LANGUAGES -----

English, Hindi, Marathi