Resume

Prajakta P. Gotarne

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Objective

Seeking a position as an Assistant Professor with an opportunity for continuous growth And proven knowledge of educational technology, blended online learning and curriculum design..

Career Summary

- Five years experience as assistant professor in UMIT, SNDT Women's University, Santacruz.
- successfully conducted a workshop on Data analysis using **Microsoft PowerBI**.
- Working as Course-Coordinator for NEP Add-on Courses.
- Worked as coordinator of UMIT feedback system.
- Worked as Mini project exam incharge.
- Worked for NAAC criterion 6.
- Worked as External Exam Time table Incharge 2021-24.
- Successfully conducted seminars and workshops on latest technologies.
- Actively Involved in the College Admissions process.
- **Rank first in Post-graduation(Mtech)**
- **Done certifications in Core and advanced java.**

Academic Records

Course	School/College	Board	Year	Marks
S.S.C	P. J. High School, Wada	Mumbai	2006	80.25%
H.S.C	A. L.C. College, Wada	Mumbai	2008	70.17%
B.E(I.T)	Pune university	Pune	2013	69.33%
M.Tech(CST)	Sndt women's university	Mumbai	2015	78%

Internship(August 2014-January2015)

Intern at Tata Institute of Fundamental Research of BARC for 6 months.

Certified Courses Done

Python,Data analysis using Python, Microsoft Power-BI , Java ,J2EE.

M.Tech Projects(Major Project)

Name: JAVA: New code optimization techniques to reduce runtime overhead on compiler.

Description: Java is a popular object oriented programming language suitable for writing Java programs. Sometimes programmers spend most of the time to increase the execution time of the program, but simultaneously its effect on code size. Therefore the code becomes more complex and unreliable, so this leads to reducing the efficiency of code. Today so many compilers exist like c, javac,c++,cobol,etc.we studied the code optimization techniques for java compiler separately and that time we came across some new code optimization strategies which is the smart way to do the coding in java. In this paper we applied some new java code optimization techniques on existing code. We verify the code optimization, performance using our executor. These code optimization strategies indirectly help to reduce the work of garbage collection, data structure and also work on loop optimization. So the results which we found after doing experimentations are quite satisfactory as compared to original results. so these techniques help to improve the code quality.
Technology Used: Java(collection,xml,regular expression),Eclipse(kepler),External executor(microprocessor)

B.E. Project

Title – **Help me***[An opportunistic smart rescue application]*
An area wise self-locating android application for providing services in any kind of internal and external emergency.
Role: As a designer.

Project Guided(2021-22)
1. Chrome Extension for Speech-to-Text Conversion and Text Summarization using NLP
2. Vector-Based Chat with Multi Pdf Using Langchain and AI
3. PPT Buddy: PDF Analysis and Presentation
4. Emotionally-Driven Personality Prediction from Facial Expression in Video.
5. EcoKonnect:Social media Application.
6. Age and gender prediction and human count ML Café Model..
7. QR code implementation in parking locator.
8. Online feedback system(website).
9. Detection of food ingredients using CNN VGG16 .
10. Comparative study between healthy women and women suffering from PCOS.

Published Research Paper:

1. Gotarane, Prajakta, and Sumedh Pundkar. "Smart Coding using New Code Optimization Techniques in Java to Reduce Runtime Overhead of Java Compiler." *International Journal of Computer Applications* 125, no. 15 (2015).

2. Gotarane, Prajakta, and Sumedh Pundkar." Java Compiler: Review on Code Generation and Optimization Techniques" International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 4, Special Issue March 2015.

3. Chrome Extension for Speech-to-Text Conversion and Text Summarization using NLP,*2024 IEEE* International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS)Karnataka, India. Jun 28-29, 2024

4. International Journal of Innovative Science and Research Technology ISSN No:-2456-2165 https://doi.org/10.38124/ijisrt/IJISRT24MAY1635 IJISRT24MAY1635 www.ijisrt.com 2750 PPT Buddy: PDF Analysis and Presentation

5. **"Emotionally-Driven Personality Prediction from Facial Expression in Video"**, International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.11, Issue 5, page no.l423-l426, May-2024.

6. Disease Prediction System Using Machine Learning Algorithms,,© 2023 IJNRD | Volume 8, Issue 5 May 2023 | ISSN: 2456-4184 | IJNRD.ORG .

7. Online Plagiarism Checker, International Research Journal of Engineering and Technology (IRJET).

8. Age and Gender Prediction and Human count,International Research Journal of Engineering and Technology (IRJET),Volume: 09 Issue: 04 | Apr 2022.

9. QR CODE IMPLEMENTATION IN CAR PARKING LOCATOR,International Journal of Creative Research Thoughts.

Personal Details

- **Name:**   Prajakta Prabhakar Gotarne.
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Thank You