

Shirin Pinjari

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Objective

To acquire a challenging position in an engineering environment where my programming skills and resourceful experience will add value to organizational operations.

Professional Experience

Organization/College	Designation	Period	
		From	To
GF's Godavari College of Engineering, Jalgaon	Assistant Professor	June,2024	Till Date
GF's Godavari College of Engineering & Polytechnic, Jalgaon	HOD & Lecturer (Diploma)	March,2022	May,2024
SSBT, College of Engineering & Technology, Jalgaon	Assistant Professor	July,2012	April,2013
Amdocs Pune	Programming Subject Matter Expert	Nov,2010	July,2012

Skills

Technical Skills

- Big Data Ecosystem – Hadoop, Mapreduce, HDFS,Hbase, Zookeeper , Hive,Pig,Sqoop,Oozie
- Core Java,Python
- SQL
- C/C++
- Scripting Languages : JavaScript, HTML
- IDE: Eclipse
- Operating System : Windows 10 , Linux

Other Skills

- Effective communication skill
- Effective presentation skill
- Quick learner
- Flexible
- Time Management
- Project Planning
- Project Tracking

Education

2021-2023	GF's Godavari College of Engineering, Jalgaon	8.44 (CGPA)	M.Tech(Comp.Engg.)
2006-10	S.S.V.P.S B.S.D College of Engineering, Dhule	69%	B.E. (Computer Science)
2006	Jai Hind Junior College, Dhule	70.83%	HSC
2004	Jai Hind High School, Dhule	70%	SSC

Projects

1. Diabetes Detection Using Hybrid Model of Machine Learning

This Project is developed in Python and machine learning algorithms for diabetic detection. We have analysed 253,680 patients' data, among them 35,346 are diabetic patients and 218,334 are nondiabetic patients. After evaluating the performance of our model with various algorithms we have evaluated it with a hybrid approach, we have concluded that Adaboost with Random Forest gives better results for Diabetic detection.

2. Web Log Data Analysis

This project is developed in Java. The data from e-commerce website is taken and processed on Hadoop cluster by using Map Reduce, HIVE, PIG concepts. The data is loaded to HDFS and the results are stored at Hadoop cluster and then to SCOOP.

3. Financial Information Exchange [FIX] Protocol

This project is developed in Java. This is the system used by the third party vendors for trading purpose developed for fast, reliable and efficient communication between the stock exchange andClients.

4. Just Track It!! [Roadmap of Maharashtra]

This Project is developed in VB6.0. MS Access is used as backend. This is an information based system for the tourist visiting to Maharashtra. This system provides the shortest path with the distancebetween any two places, with the Tourist Places in that city.

Relevant Courses

Big Data Analytics, Java, SQL, Python Programming.

Subject Taught

- Programming in 'C'
- Computer Graphics
- System Programming
- Environmental Studies
- Data Structure using 'C'
- JAVA Programming
- Emerging Trends in Computer & IT

Workshop/FDP/Industrial Training/Webinar/IP Awareness

1. Participated and Completed one-week faculty development program sponsored by IEEE Bombay Section on "Machine Learning and Data Analytics using Python Programming" from 03/06/2024 to 08/06/2024 Organized by IQAC & IIC of GF's Godavari College of Engineering, Jalgaon in association with IEEE Bombay Section
2. Participated and completed three days online faculty development program on "Data Science & AI Using Python" from 22/02/2024 to 24/02/2024 organized by Brahmdevdada Mane Polytechnic, Belati, Solapur, Maharashtra.
3. Participated in NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) Organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Amravati (Maharashtra) from 01 January, 2024 to 10 January, 2024.
4. Participated in one week FDP on "Deep Dive into Data Science & Machine Learning organized by Department of Computer Engineering, PCET'S NMIET, Talegaon, Pune. 26 Feb-01 March 2024.
5. Participated and Completed Webinar on "Importance of Intellectual Property Rights in Education Sector" on 29/12/2023 Organized by D.Y.Patil Institute of MCA and Management, Akurdi, Pune.
6. Attended one-week online short term training program on "Recent Trends in Artificial Intelligence & Machine Learning" approved by ISTE (STTP-SF-MAH-100/2023-24), New Delhi, during 4th Dec. 9th Dec. 2023 Organised by, the Department of Computer Science & Engineering Jawaharlal Darda Institute of Engineering & Technology, Yavatmal.
7. Participated and Completed One Week Online Faculty Development Program (Online Capacity Building Workshop) on "Blooming Research Areas under IoT: A 360-Degree View" from 02/05/2023 to 07/05/2023 Organized by GF's Godavari College of Engineering, Jalgaon & IEEE Bombay Section.
8. Participated and Completed One Week Online Faculty Development Program on "Data Science and Machine learning" from 13/02/2023 to 17/02/2023 organized by GF's Godavari College of Engineering, Jalgaon, Maharashtra.
9. Participated and Completed five days Online Faculty Development Program on "Recent Trends in Multidisciplinary research" from 6/2/2023 to 10/2/2023 Organised by the Department of Computer Engineering, Vishwakarma Institute of Technology, Pune
10. Participated and Completed one week Online Faculty Development Program on "Recent Trends in Computer Science and Engineering" From 8/08/2022 to 13/08/2022 Organized by Department of CSE & AIDS, Fabtech Technical campus, college of Engineering and Research, Angola
11. Participated and Completed with qualifying exam one week Online Faculty Development Program on

“Emerging Trends in Data Analysis using MATLAB” from 11/07/2022 to 15/07/2022 Organized by REST Society for Research International (RSRI) Krishnagari, Tamilnadu, India.

12. Participated and Competed five days Online National Level Faculty Development Program on “Python for Data Science” From 27/05/2022 to 31/05/2022 Organised by the Department of Computer Science and Engineering, Padm. Dr.V.B. Kolte College of Engineering, Malkapur, Dist-Buldhana, Maharashtra.
13. Participated and Competed two days Online State Level Faculty Development Program on “Internet of Things -IOT” from 29/03/2022 to 30/03/2022 Organized by Electronics and Telecommunication Engineering Department, Bramhdevdada Mane Polytechnic, Solapur, Maharashtra.

Paper Published

1. **“A Review on Diabetic Detection Using Machine Learning”**, Published in International Journal of Innovations in Engineering and Science Vol. 8, No. 8, 2023, PP. 29-33.
2. **“An In-depth Comparison of Diabetes Detection Using Machine Learning”**, Published in International Journal for Research in Applied Science and Engineering Technology(IJRASET) Volume 11 Issue X Oct-2023.

Accomplishments

1. Invited as a Resource Person for the State Level Conference on “Artificial Intelligence in Healthcare Industry” organized by Godavari College of Nursing, Jalgaon.
2. Organizer of Spoken Tutorial IIT Bombay Training Program at GF’s GCOE & Poly., Jalgaon
3. Member of an Anchoring Committee for College Level Events.
4. Worked as a Sub FC at the Diploma Facilitation Center.
5. Worked as Billing Supervisor, Record Supervisor, Sealing Supervisor, and Internal Squad in MSBTE Exams.
6. Worked as a Class Test Coordinator.
7. Worked as a judge in different college-level Cultural Events.
8. Faculty Coordinator for PHOENIX 2k23 Blind Coding Event.
9. Worked as a discipline committee member at Polytechnic College.

I affirm that the information provided above is accurate to the best of my knowledge and belief.

Shirin S. Pinjari