

Dharmendra Pathak

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Objective

To become a member of an organization where I can utilize my technical skills and attitude towards the growth of the organization and self development

Area of interest

Recommender System, Cloud Computing, Open Source Technologies and Software Engineering

Educational Qualifications

Schooling /Degree	Institution	Board / University	Year of Passing	Percentage/GGPA
Ph.D.	Amity School of Engineering & Technology	Amity University, Chhattisgarh, Raipur	(Pursuing)	NA
M.Tech. in CS (Specialization in Information Architecture & Software Engineering) with Hons.	School of Computer Science and I.T. (SCSIT), Indore	Devi Ahilya University (D.A.V.V.)	2012	9.51 GGPA (DAVV TOPPER)
B.E (CSE) with Hons.	Swami Vivekananda College of Engineering, Indore	Rajiv Gandhi Technical University (R.G.T.U.)	2009	76.38% (Hons.)
Higher Secondary	N.P.F.H.S. School, Indore	M.P. Board	2005	86.22%
High School	N.P.F.H.S. School, Indore	M.P. Board	2003	86.40%

Professional Skills

- Linux Server
- PHP
- Python
- C and C ++
- JAVA (J2SE, J2ME and J2EE)
- JAVA Script/ JQuery
- AJAX
- MySQL RDBMS
- PASW Modeler Data Mining tool
- IBM Functional Tester 8.3 and Winrunner Software Testing tool
- AQ Time Profiler

Award and Achievements

- Qualified **UGC-NET 2019** with **Percentile Score 99.67**
- Winner of **Hack for Good Covid-19 Hackathon**, organized by Amity University Chhattisgarh on 16-17 May 2020.
- Copyright Applied for work title “**Using GeoTagging for the detection of Covid-19 Fake News from Twitter Data of Hotspots states using Deep Learning Framework**” on 10 June 2020.
- Awarded with “**Excellence in Teaching**” at Srijan-2019, organized by Rajiv Gandhi Technical University, Bhopal.
- Awarded with “**Best Mentor Award**” for the mentoring IEDC Project “Helios” in the year 2017 at CDGI Indore.
- Qualified **GATE-2015** with **GATE Score-356**
- Qualified **GATE-2014** with **GATE Score-407** and **Percentile Score 94.50**
- Qualified **GATE-2010** with **GATE Score-388** and **Percentile Score 90.33**
- Qualified **GATE-2009** with **GATE Score-406** and **Percentile Score 91.62**
- Qualified **C-DAC Mumbai, CST-G Level 2011 Examination**

Work Experience: 10 years

S.No.	Designation	Institute/Organization	Duration
1	Asst. Professor	CDSE, Indore	7 th July 2012 to Till Date
2	Lecturer	SIMS, Indore	7 th Jun, 2011 to 7 th Jul, 2012
3	Lecturer	SIMS, Indore	17 th Aug, 2009 to 1 st July, 2010

Academic Responsibilities

- Website developer for conferences and college events
- Subjects taught:
 - **Data Science and Big Data**
 - **Cloud Computing**
 - **Operating System**
 - **Web Engineering**
 - **Database Management System**
 - **Java Programming**

Projects Undertaken for Colleges

- Mentored two Innovation & Entrepreneurship Development Cell (**IEDC**), MHRD funded projects "**Helios**" and "**E-Telepathy**", covering the area of Internet of Things and Data Analysis.
- Developed **Dus Ka Dum web based Multiplayer Game portal** to simulate popular Game Show Dus Ka Dum for Chameli Devi Group of Institutions, Indore
- Developed **KBC web based quiz portal** to simulate popular Game Show KBC for Chameli Devi Group of Institutions, Indore
- Developed **HR System** to maintain employee attendance report, salary report, leave report, stock register etc. for Agrawal Coal Indore
- Developed **Faculty Evaluation 1.0** to automate faculty responsibilities and their ranking for Chameli Devi Group of Institutions, Indore
- Developed **Appraisal 2.0** to automate appraisal procedure for faculty members for Chameli Devi Group of Institutions, Indore
- Developed **E-Conference** to automate conference activities for Chameli Devi Group of Institutions, Indore
- Developed **Email Filter Web App** to consolidate and filter emails at one place from various email service providers i.e. Gmail, Yahoo etc.
- Developed **Open College Web Application** to automate the academic activities i.e. attendance, time table, student/faculty management etc.
- Developed **HDFC Payment Gateway** for Chameli Devi Group of Institutions, Indore

- Developed **Student Admission Portal** to **automate** the admission procedure of **MPPET qualified students** for CDGI Indore
- Developed **Bus Seat Allocator** to **automate** the seating arrangement in **CDGI BUS System**

Projects Undertaken Academic

- **M.Tech. Live Project: "Teacher's Diary: Academic activities made easy"**
Front End: Java (J2SE/J2EE) Back End: MySQL
- **M.Tech. Data Mining Project: Data Mining on WHO Data Warehouse**
Data Mining Tool: PASW Modeler
- **M.Tech. Research based Project: "Recommender System"**
Front End: Java (J2SE/J2EE) Back End: Oracle-9i
- **B.E. Major Project: TPO Help Desk (Mobile Application) via GPRS Technology**
Front End: Java (J2EE/J2ME) Back End: Oracle-9i
- **B.E. Minor Project : Online Examination System**
Front End: Java (J2SE/J2EE) Back End: Oracle-9i

Certification

- **Microsoft Technology Associate (MTA) Introduction to Programming using HTML and CSS Certified**
- **Microsoft Technology Associate (MTA) Introduction to Programming using Python Certified**
- **Microsoft Technology Associate (MTA) Introduction to Programming using JAVA Certified**
- **Microsoft Certified Educator (MCE) Certified**
- **Microsoft Technology Associate (MTA) Operating System Fundamentals Certified**
- **Microsoft Technology Associate (MTA) Software Testing Fundamentals Certified**
- **Microsoft Technology Associate (MTA) Database Fundamentals Certified**
- **Microsoft Technology Associate (MTA) Web Development Fundamentals Certified**
- **Microsoft Technology Associate (MTA) Networking Fundamentals Certified**
- **Microsoft in the Class Room Certified**
- **IBM Certified DB2 Academic Associate**
- **IBM Certified Associate System Administrator Lotus and Domino 8**
- **IBM Certified Deployment Professional Tivoli Directory Server 6.3**
- **IBM Certified Rational Quality Manager and Rational Functional Tester**

Professional Membership

- Associate member of **Institute of Research Engineers and Doctors (IRED)**

Workshop Attended

- Attended 2 Days Workshop on **“Cyber Security and Ethical Hacking”** under TEQIP-III dated 04-05 July 2020 organized by CDGI Indore.
- Attended 2 Days Workshop on **“Entrepreneurship Road to Atmanirbhar”** under TEQIP-III dated 27-28 June 2020 organized by CDGI Indore.
- Participated in 7 Days **“Science Academies’ Science Leadership Workshop”** organized by Central University of Punjab, India from 22-28 June 2020.
- Attended 2 Days Workshop on **“Emotional and Social Intelligence”** under TEQIP-III dated 13-14 June 2020 organized by CDGI Indore.
- Attended 5 Days FDP on **“Data Analytics using R”** under TEQIP-III, dated 08-12 June 2020 organized by CDGI Indore.
- Attended 2 Days FDP on **“Innovation & Research in Data Science with Visualization Using Python”** under TEQIP-III, dated 06-07 June 2020 organized by SAIMS Indore.
- Attended 3 Days FDP on **“Innovative research methodologies for challenging problems of future in Science, Technology, Engineering and Management (STEM)”** under TEQIP-III, dated 05-07 June 2020 organized by IIST Indore.
- Participated in **“Zeal Covid-19 Hackathon”**, dated 04-08 June 2020 organized by Zeal Institutes, Pune.
- Attended 2 Days Webinar on **“Full Stack Web Development”** by IncubateIND, Amity University, via ICT Mode 09 May 2020 to 10 May 2020.
- Attended 2 Days Webinar on **“Machine Learning”** by IncubateIND, Amity University, via ICT Mode 02 May 2020 to 03 May 2020.
- Attended 5 Days FTP on **“Neural Network and CNN”** by NITTTR Chandigarh, via ICT Mode at CDGI Campus from 14 April 2020 to 18 April 2020.
- Attended One Day Workshop on **C and C++ Programming** by IIT Bombay, Spoken Tutorial via ICT Mode at CDGI Campus on 29 February 2020.
- Attended One Day FDP on **“Hands-on Workshop on Document Typesetting and Processing using Latex”** held at NMIMS Indore.
- Attended One Day Workshop on **R Programming** by IIT Bombay, Spoken Tutorial via ICT Mode at CDGI Campus on 17 December 2019.
- Attended one day FDP on **“Data Analytics, Salesforce & Agile DevOps”** at TCS Indore Campus on 13 Dec 2019.
- Attended 5 Days STTP on **“Assessment and Evaluation under Outcome Based Education”** by NITTTR Kolkata, via ICT Mode at CDGI Campus from 10 June 2019 to 14 June 2019.
- Attended One Day Workshop on **Linux** by IIT Bombay, Spoken Tutorial via ICT Mode at CDGI Campus on 23 August 2019.
- Attended One Day Workshop on **Python Programming** by IIT Bombay, Spoken Tutorial via ICT Mode at CDGI Campus on 22 June 2019.
- Attended **Amazon AWS Cloud Day seminar** on 21 May 2019 at **Hotel Marriott, Indore**.

- Attended **Intel Business Solution Showcase seminar** on 19 March 2019 at **Hotel Marriott, Indore.**
- Organized and attended 5 Days FDP on **Machine Intelligence and Applications under TEQIP-III** dated 24-28 October 2018 at **CDGI Indore.**
- Attended 2 Days workshop on **5G and IOT Security** dated 10-11 September 2018 at **IIT Delhi.**
- Attended 2 Days workshop on **Nuclear Energy: Clean & Alternative Source of Energy** dated 27-28 July 2018 at **CDGI Indore.**
- Participated in 9 Days workshop on **HTML 5, CSS and JQuery** dated 11 May 2018 to 19 May 2018 conducted by **OZYMANDIAS CREATIONS Pvt. Ltd.**
- Participated in 2 Week **SAP ABAP Training** dated 30 Jan 2017 to 10 Feb 2017 conducted at **KPIT Technologies, Noida.**
- Participated in 1 Day **TCS Workshop on Business Intelligence using ERP** dated 05 Feb 2016 conducted at **SVITS, Indore.**
- Participated in 5 Days **Mission 10X - UTLP Expert Workshop Level 3** dated 23 Feb 2015 to 27 Feb 2015 conducted at **Wipro Technologies, Bangalore.**
- Participated in 5 Days **Mission 10X - UTLP Expert Workshop Level 2** dated 15 Dec 2014 to 19 Dec 2014 conducted at **Wipro Technologies, Bangalore.**
- Participated in 6 Days **ISTE Workshop on Computer Networking** dated 30 June 2014 to 05 July 2014 at **CDGI Indore.**
- Participated in 6 Days **ISTE Coordinators Workshop on Computer Programming** at **IIT Bombay**, dated 21 April 2014 to 26 April 2014.
- Participated in 3 Days workshop of **WIPRO Mission 10X** at **CDGI, Indore** dated 22 Jan 2014 to 24 Jan 2014.
- Attended three days workshop at **IIT Bombay** on **“Python for Education and Scientific Computing”** from 27-29 Dec 2012.
- Conducted one day workshop at **CDGI, Indore** on **“Computer Hardware and Networking”** dated **19 September 2015** for CS/IT Students.
- Conducted one day workshop at **CDGI, Indore** on **“Parallel Programming using Python”** dated **24 July 2015** for CS/IT Students.
- Conducted two days workshop at **CDGI, Indore** on **“PHP and MySQL”** dated **9 and 11 March 2013** for CS/IT Students.
- Conducted one day workshop at **CDGI, Indore** on **“Attractive Web Designing”** dated **20 Nov 2014** for all branch students.

Research Work

- Research Paper published in **Second International Conference on Inter-disciplinary Research in Engineering Management, Pharmacy and Science (ICIREMPS 2K15)** on **“DNA Computing: Applications and Challenges”** at **Bhopal.**
- Research Paper published in **Second International Conference on Inter-disciplinary Research in Engineering Management, Pharmacy and Science (ICIREMPS 2K15)** on **“Role of Hybrid Recommendation Engine in Forestalling Networking Attacks”** at **Bhopal.**

- Research Paper published in **IEEE Sponsored 2013 International Advance Computing Conference (IACC-2013)** on **"NOVA: Hybrid Book Recommendation Engine"** at Delhi.
- Research Paper published in **IEEE Sponsored 2013 International Conference on Emerging Trends in Computing, Communication and Nanotechnology (ICECCN-13)** on **"ORBIT: Hybrid Movie Recommendation Engine"** at Tamilnadu.
- Research Paper **"Practical Implementation of Data Cube and Data Mining Algorithms"** published in **National Conference on Intelligent Systems (NCIS) Oct-2012**, organized by Chameli Devi School of Engineering, Indore.
- Research Paper **"Dynamic Offloading for Mobile Computation Using Cloud"** published in **National Conference on Future Trends in Information and Communication Technology Oct-2012**, organized by MITM, Indore.
- Research Paper **"Cloud Security a Big Challenge"** published in **National Conference on Recent Trends in Cloud Computing Nov-2012**, organized by Oriental University, Indore.
- Research Paper **"Teacher's Diary: Academic activities made easy"** published in **2012 National Conference on Advances in E-Learning** organized by Institution of Communication Engineers & Information Technologists (ICEIT) at New Delhi.
- Research Paper published in **IEEE Co-Sponsored 2011 International Conference on Networks and Computer Science (ICNCS)** on **"Data Mining on WHO Data Warehouse using PASW Modeler"** at Kanyakumari.
- Research Paper published in **2011 International Journal of Advance Research in Computer Science (IJARCS)** on **"Reducing efforts in Refactoring process using Design Patterns"**.
- Research Paper published in **2009 International Level Conference on Global Issues in Business and Technology** on **"Measurement and Decision Criteria in Software Reliability Engineering and Dependability"** organized by University of Maryland Eastern Shore at Indore.
- Research Paper published in **2009 International Level Conference on Global Issues in Business and Technology** on **"Technical Trends and Concepts of Software Testing"** organized by University of Maryland Eastern Shore at Indore.

Extracurricular Activities Awards and Achievements

- Designed a website www.indorestudy.com for PET Students to get information about various Engineering Colleges of Indore.
- Participated and won 1st Prize in Paper Presentation on **"Data Mining of WHO Data Warehouse using PASW Modeler"** at Pioneer Institute of Professional Studies, Indore.

- Participated and won 1st Prize in **Essay Writing Competition** at District Level.
- Participated and won 1st Prize in **Carom, Chess and Computer Gaming Competitions** at School & College Level.
- Responsibilities taken as a **Class Representative** at School & **Coordinator** at College Level.

Personal Details

Date of Birth	:	28 th Oct 1986
Marital Status	:	Married
Permanent address	:	920/9 Nehru Nagar, Indore, Madhya Pradesh, 452011
Key Strengths	:	Altruistic, Leadership and Positive Attitude
Hobbies	:	Playing Chess, Computer Games and Internet Surfing

Declaration

I hereby declare that all the information stated above is true to the best of my knowledge and belief.

Date:

DHARMENDRA PATHAK