ROMA GOEL
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OBJECTIVE:

To attain a responsible position in a prestigious organization which offers opportunities to make use of my complete skills and passion, to further enhance my knowledge, and to emerge as a professional having good behavioral and technical skills.

ACADEMIC QUALIFICATION :

Year	Degree/Certificate	Institute, City	CGPA/Percentage
2014-2016	M.Tech (Computer Science and Engineering)	Visvesvaraya National Institute of Technology, Nagpur	7.48/10
2002	B.E. (Computer Science)	JSSATE, NOIDA	77.77 %
1998	B.Sc. (PCM)	Meerut University	67%
1994	XII(HSC)	UP Board	
1992	X(SSC)	UP Board	

Details of GATE score:

Branch	Year	Percentile (with Score)	Marks	All India Rank
Computer Science & Engg.	2014	560	40.57	2526

WORK EXPERIENCE :

Organization	Designation	From	To	Nature of Work
CareerAge	Member Technical Staff	July 2002	March 2005	Web Application Development
Netcellence Technologies & Solutions Pvt. Ltd.	Senior Software Engineer	April 2012	June 2014	Web Application Development
VNIT, Nagpur	Lab Engineer at Centre of Excellence (ECE, VNIT)	Jan 2017	June 2019	Research & Devt.
VNIT, Nagpur	Adjunct Assistant Professor of Practice	July 2019	June 2020	Teaching
VNIT, Nagpur	Adjunct Assistant Professor of Practice	Jan 2022	July 2022	Teaching
GCOEN, Nagpur	Assistant Professor	Aug 2022	Till date	Teaching

Worked on front end as well as backend various projects on Web Application Development.

At COE, VNIT developed modules of USRP, WiComm-T, AWG and RTSA for Wireless communication Skill Enhancement Course.

COMPUTER SKILLS:

- Programming Languages**:** C, C++, JAVA, PHP,SQL,HTML, R, LabView, Python
- Website Designing**:** HTML, CSS
- Database Management**:** SQL, Oracle**,** MySql
- Operating System**:** Windows, Linux
- Development Tools: VC++, Android Studio, Arduino, MatLab
- Technologies**:** JSP (Java Server Pages), Servlets, JDBC, Networking, MEAN Stack Technology (Mongo DB, Express, Angularjs, Node.js) etc.
- Application Server: Tomcat version 3.3, Apache

ACADEMIC PROJECTS:

➢ **Efficient Enhanced Fuzzy Min-Max Neural Network with Merged Hyperboxes for Pattern Classification**

May 2016

This project is Study, Implementation and Further Improvement in Performance of an IEEE 2015 paper "**An Enhanced Fuzzy Min-Max Neural Network for Pattern Classification**" as final year project completed under the Guidance of Dr. M. M. Dhabu. This project is developed entirely in C. For Improvement in Performance I have used Principal Component Analysis, Merging of Hyperboxes using Euclidean Distance and Pruning Hyperboxes using Confidence Factor.

➢ **Design and Development of Call Management System using Java Technologies**

As Final Year Project in B.E. in JSSATE, May 2002

Technology Used: Servlets, JSP (Java Server Pages), JDBC
Application Server Used: Tomcat Version 3.3a
Operating System: Windows2000
Database Used: MS Access
Description:
The Call Management System is web-enabled application to manage calls reported by the customers, assigning the calls the field technician, managing all the users of the system. It provides log-in facility to all users to the system using web interface and user can perform the tasks as required by them.

The Call Management System is developed based on 3-tier architecture; presentation layer, business logic layer, and data layer using Java technology.

TRAININGS:

➢ **Development of prototype for C-FITL system at CDOT, 39 Pusa Road New Delhi**

Language used: Visual C++

Description:

C-FITL(C-DOT's Fibre in the Loop) System is a passive optical network(PON) based on Access Network which provides narrowband services and a cost effective platform for future growth of services in a modular and easily configurable manner. C-FITL provides telecommunication services to users. The entity that actually provides services is a Service Node or Local Exchange. The C-FITL is connected to the Service Node by a Service Node Interface (SNI). For the access of user to telecommunication services, the users are connected via a User Network Interface (UNI) to the network.

STRENGTHS

➢ Committed to assignments, Capability to withstand pressures & ability to deliver within deadlines.
➢ Capability to work with a team, sincerity and dedication towards work and organization.
➢ Keen learner, ready to learn anything as per requirement.

PERSONAL INFORMATION:

Name	ROMA GOEL
Fathers Name	INDRA LAL JAIN
Sex	Female
Nationality	Indian
Date of Birth	June 21st, 1977
Address	C-3, Ganga Classic Apt., 41- Kadbi Chowk, Nagpur-14
Language Known	English, Hindi

References:

Name	Designation	Contact No.	Email-id
Dr. M. M. Dhabu	Assistant Professor	0712-2801030	mmd@cse.vnit.ac.in
Dr. Ashwin Kothari	Associate Professor	0712-2801049	ashwinkothari@ece.vnit.ac.in
Dr. Latesh G. Malik	Associate Professor	09923343121	lateshgagan@gmail.com

I hereby declare that the information furnished above is correct to the best of my knowledge.

(Roma Goel)