

Vipul Goyal

+91-8439535323 | goelvipul44@gmail.com

EDUCATION

07/2017-04/2019

Vellore Institute of Technology

Chennai, India

Master of Computer Application, CGPA- 8.39

Coursework – Applied Statistical Methods (MAT5007), Data Mining & Business Intelligence (ITA5007), Big Data Analytics (ITA6008), Object Oriented Programming Using Java (ITA5004), Problem Solving with Data Structures and Algorithms (ITA5002), Data Communication and Networking (ITA5003), Mobile Application Design and Development (ITA6001), Semantic Web (ITA6012)

RESEARCH INTEREST & TECHNICAL SKILLS

Research Interests	Big Data Analytics, Internet of Things, Machine Learning, Artificial Intelligence, Cloud Computing
Technical Skills	C, C++, JavaScript, CSS3, Bootstrap, PHP, SQL, HTML5, R, Python, Java, Data Structures.
Software Packages	MS Visual Studio 2010, NetBeansIDE 8.2, MS SQL Server 2008, R, MATLAB, SVN Tortoise, MS Office

CAREER ORIENTED/PROFESSIONAL TRAINING/WORK EXPERIENCE

08/2017-08/2019

1.1 Assistant System Engineer- Trainee, Tata Consultancy Services, India

- » Diagnosing and resolving database access and checking on performance issues.
- » Implementing Data processes such as extracting, transforming and loading.

Technology /Software /Tools Used- PL/SQL, Java, RIB(Retail Integration Bus), Retail Merchandise System(RMS), SVN Tortoise

1.2 Software Developer, BNP Paribas, Intern

- » Worked effectively within own team, providing support and guidance to colleagues to create and foster an environment of continuous improvement and maintaining a product review framework for tracking development of Collateral solutions.
- » Performed monthly and daily collateral management of OTC Derivatives in accordance with the Credit Support Annexes (CSA) and policies.

Technology /Software /Tools Used- PL/SQL, Java, Jenkins, Sybase, SVN Tortoise, CSV file

1.3 Ernst and Young, India, Summer Intern

- » Analyzed and Derived results from data and provided in depth solutions to the underlying needs of the target customers and Designed go-to market strategy in line with government's focus areas of national importance.
- » Presented reports on policy landscape in India for Electron System Design and Manufacturing (ESDM) and Information Technology/Information Technology enabled Services(IT/ITeS) industries.

Technology /Software /Tools Used – Matlab, R Studio, Oracle-11g, IntelliJ IDE

1.4 Researcher Intern, National Informatics Centre (NIC), India

- » Developed a 'Web-based Waste Management System' which helped in reinvigorating the sanitation management in the District of Kurukshetra, India
- » Developed an automated touch screen version of the driving license exam to replace the conventional paper-pencil test.

Technology /Software /Tools Used - PL/SQL, Java, Jenkins, Sybase, SVN Tortoise

RESEARCH ENDEAVOR

07/2018-09/2019

1.1 An Analysis of the Proficient System Design by Implementing Artificial Bee Colony Algorithm in the Vehicular Specially Appointed System (VANET) | e-ISSN: 2455-6270; p-ISSN: 2455-7455| Paper code: IJPS, Link: <http://www.ijps.in/currentissue.php>

1.2 Employability of the IoT Based Smart Security & Homes Automation System | ISSN: 2457-1016 | Paper code: IJIASE, Link: <http://bharatpublication.com/current-issue.php?jID=25/IJTSE>

1.3 Developing a Model Based on Neural Networking in the Early Detection & Migration of Dermatology Disease | ISSN: 2455-5134, p-ISSN: 2455-9059| Paper code: IJRMST Link: <http://www.ijrmst.com/currentissue.php?id=7>

1.4 An In-Depth Analysis of the Key Influencers Impacting the Security & Privacy Issues on Service Model in Cloud Computing | e-ISSN: 2249-0604, p-ISSN: 2454-180X | Paper code: IJRST Link: <http://ijrst.com/currentissue.php?id=66>

1.5 Developing a Model Based on Privacy Preserving Data Mining (PPDM) Systems to Enhance the Security Safeguard on Medical Databases | e-ISSN: 2454-9258, p-ISSN: 2454-809X | Paper code: IJIASE Link: <http://ijiase.com/currentissue.php?id=5>

COMMUNITY SERVICES AND EXTRACURRICULAR ACTIVITIES

“The Earth Saviours Foundation”, worked there for total of 6 weeks as a volunteer. Helped the foundation in their managerial work and took care of the underprivileged there.

“Leaders For Tomorrow”, worked in their initiative “igniting young minds” as a centre head, in which we imparted basic education to the underprivileged students for 8 weeks sessions, and was appointed as a State head for their international “goodness ambassador” Program.