Pankesh Bamotra

pankesh.bamotra@gmail.com

address

H.No. 1930
Bhagwan Dass Colony
Salem Tabri, Ludhiana
Punjab, India
PIN - 141008

☎ (+91) 959 736 2763

languages

English, Hindi, Punjabi

programming

♥ Java,
R, SQL, Hadoop,
Python, BDAS,
Javascript(node.js)

interests

big data, data science, data analytics, data ETL, framework design, Java EE applications

education

2009–2013	**Bachelor of Technology**	Vellore Institute of Technology, Vellore
	Major in Computer Science Engineering	
	CGPA 9.24/10, top 0.1% of class	
2009	**Higher Secondary Examination**	Greenland Senior Secondary Public School, Ludhiana
	94.6%, school topper	
2007	**Secondary School Examination**	Greenland Senior Secondary Public School, Ludhiana
	95%, school topper	

experience

since Jun'13	**Software Developer**	PayPal India Pvt. Ltd., Chennai
	Data platforms engineering	
(Jan-Jul)'13	**Risk Analytics Intern**	PayPal India Pvt. Ltd., Chennai
	PayPal global seller risk management	
(Jun-Jul)'12	**Summer Intern**	Spice Digital, Mohali
	2G and VAS on mobile	

publications

Sep'12	**Securing Group Communication in Partially Distributed Systems**	IOSR Journal
	Distributed collaborative key agreement and distribution	
Nov'12	**Secure Transmission Of Grayscale Images Using DFT**	IJSCE Journal
	Image encryption-decryption using Discrete Fourier Transform	
Dec'12	**Image encryption using Pixel Shuffling**	IJARCSSE Journal
	Image encryption-decryption non-chaos pixel shuffling	
Jan'13	**LRUD Shift based Encryption Method using Matrices**	IJAIS, USA
	Simple encryption algorithm using public key cryptography	
May'13	**Hadoop and Risk Analytics**	IJAIS, USA
	A risk analyst view of Big Data	

positions

since Jul'14	**VP, Membership**	PayPal eBay IDC Toastmasters' club
	Earned the competent communicator award	
(Jan-Jun)'14	**VP, Education**	PayPal eBay IDC Toastmasters' club
	Helped club achieve distinguished club rank	
2009-12	**Active Member**	Computer Society of India, VIT
	Helped and participated in numerous workshops	

recognitions

| May'13 | **Best Intern Project Presentation** | PayPal India Pvt. Ltd., Chennai |

Awarded for best intern project presentation in PayPal India, Chennai during intern project showcase 2013.

| Dec'13 | **SPOT Award - Prize : ₹ 15,000** | PayPal India Pvt. Ltd., Chennai |

This award is given under EBay's initiative of recognizing great work as an important part of Enabling Talented People to Thrive. (Quoted from EBay Intranet)

| Feb'14 | **1st Runner up, International Speech Contest** | Toastmasters' International |

For participating in ISC, Toastmasters' International club contest

| May'14 | **Shout-out Award - Prize : ₹ 15,000** | PayPal India Pvt. Ltd., Chennai |

This award is given to an employee working in the Data Technology division for their extraordinary contribution to the work. (Quoted from EBay Intranet)

| Jul'14 | **Competent Communicator Award** | Toastmasters' International |

For outstanding public speaking skills and growing the club with extraordinary leadership abilities.

certifications

| Feb'14 | **Computing for Data Analysis** | coursera.org, John Hopkins |

This course is about learning the fundamental computing skills necessary for effective data analysis

| May'14 | **The Data Scientist's Toolbox** | coursera.org, John Hopkins |

License Z4NN5NCWBA, This course is to get an overview of the data, questions, and tools that data analysts and data scientists work with

| May'14 | **R Programming** | coursera.org, John Hopkins |

License B3XY3RZ7JA, This course is about programming in R and how to use R for effective data analysis

| May'14 | **Getting and Cleaning Data** | coursera.org, John Hopkins |

License 7BF28MXBVN, This course is about how to gather and clean data from a variety of sources

| May'14 | **Exploratory Data Analysis** | coursera.org, John Hopkins |

License LFKHJGX66Z, This course is about learning the essential exploratory techniques for summarizing data

sports

| Jun'14 | **High Altitude Trekking** | Roopkund, India |

Finished a 16,000ft. glacial trek to Himalayas

| Jan'14 | **Industry wide Stepathalon 2013 PayPal Winner** | 3rd position |

Ran almost 4000KM as a team of 5 in 100 days as a part of Stepathlon 2013, stood 3rd in PayPal and 7th among 140+ companies

| Mar'14 | **PayPal cricket tournament winners** | 1st position |

Stood 1st at PayPal Data division cricket tournament