Pankesh Bamotra

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INTERESTS

data analytics for large datasets, big data technologies, knowledge mining, data science, data ETL, framework design, Java EE applications

EDUCATION

Vellore Institute of Technology, Vellore, Tamil Nadu, India

Bachelor of Technology, Computer Science & Engineering (class of 2009)

- CGPA : 9.24/10 (top 0.1% of the class)
- Merit scholarship holder - 2009 to 2013

Greenland Senior Secondary Public School, Ludhiana, Punjab, India

Higher Secondary Examination, March 2009

- 94.6% - School topper

Secondary School Examination, March 2007

- 95% - School topper

EXPERIENCE

PayPal India Pvt. Ltd., Chennai, Tamil Nadu, India

Software Developer **Jun, '13 - present**

Working on building scalable data platforms for rapid analytics on top of Teradata 13.10/14 and Hadoop 2. In the past, delivered a near real time solution for PayPal consumer behavior analysis using UCB AmpLab's Shark and Spark. Also, created a plug-and-play framework to integrate Teradata and Qlikview.

Summer Intern **Jan - May, '13**

Co-worked with seller risk management to build and develop an early warning system to predict the incoming losses and potential sources of loss. In one of the cases, the system was able to mitigate a loss that would have otherwise caused $300K in damages to PayPal.

Spice Digital Ltd., Mohali, Punjab, India

Research & Development Intern **Jun - July, '12**

Worked with the R & D team to gain insights into the world of 2G mobile value added services. Worked with the team on enhancing services built on top of Unstructured Supplementary Service Data (USSD),Interactive Voice Response (IVR), and Wireless Application Protocol(WAP).

POSITIONS

Vice President, Membership, PayPal eBay Toastmasters' club **Jun, '14 - present**

Working with the Toastmasters' community to promote the need of strong communication and leadership skills in corporate environment. At present, mentoring 3 individuals as a part of this effort.

Vice President, Education, PayPal eBay Toastmasters' club **Jan, '14 - May, '14**

Helped the club achieve distinguished corporate club award during the tenure and mentored 2 individual to attain competent communication skills.

Head, Students Prefect Council, Greenland Sen. Sec. Public School **May, '07 - Mar, '09**

Headed student council for 2 years and led a team of five.

COMPUTER SKILLS	Languages: Java, C++, R, SQL, HTML5, CSS3, JavaScript, MEAN stack
	Enterprise Frameworks: Spring 4, EhCache
	Databases/Platforms: Teradata 13.10/14, Singularity, Oracle 10g, MongoDB, BDAS

PEER REVIEWED PUBLICATIONS

Pankesh B., Prashant D., Nishant G., Rajat P. 2012. *S*ecuring Group Communication in Partially Distributed Systems, IOSR Journal of Computer Engineering doi: 10.9790/0661-0523640

Pankesh B., Prashant D. 2012. *S*ecure Transmission Of Grayscale Images Using Discrete Fourier Transform, International Journal of Soft Computing and Engineering ISSN: 2231-2307

Pankesh B. 2012. *I*mage Encryption Using Pixel Shuffling, International Journal of Advanced Research in Computer Science and Software Engineering ISSN: 2277-128X

Pankesh B. 2013. *L*RUD Shift based Encryption Method using Matrices, International Journal of Applied Information Systems doi: 10.5120/ijais12-450843

Pankesh B., Saira Banu J. 2013. *H*adoop and Risk Analytics, International Journal of Applied Information Systems doi: 10.5120/ijais13-450942

RECOGNITIONS

Best Intern Project Presentation, PayPal India Pvt. Ltd. **May'13**
Awarded for best intern project presentation at PayPal during intern project showcase 2013

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

1st Runner up, International Speech Contest, Toastmasters' International **Feb'14**
For participating in ISC, Toastmasters' International club contest

Shout-out Award - Prize : ₹ 15,000, PayPal India Pvt. Ltd. **May'14**
This award is given to an employee working in the Data Technology division for their extraordinary contribution to the work. (Quoted from eBay Intranet)

Competent Communicator Award, Toastmasters' International **Jul'14**
For outstanding public speaking skills and helping the club grow with extraordinary leadership abilities.

CERTIFICATIONS

The Data Scientists Toolbox, coursera.org, John Hopkins **May'14**
License Z4NN5NCWBA, This course gives an overview of the data, questions, and tools that data analysts and data scientists work with

R Programming, coursera.org, John Hopkins **May'14**
License B3XY3RZ7JA, This course is about programming in R and how to use R for effective data analysis

Getting and Cleaning Data, coursera.org, John Hopkins **May'14**
License 7BF28MXBVN, This course is about how to gather and clean data from a variety of sources

Exploratory Data Analysis, coursera.org, John Hopkins **May'14**
License LFKHJGX66Z, This course is about learning the essential exploratory techniques for summarizing data

SPORTS

High altitude trekking, White-water rafting, Cricket