Pratyush SHARMA

PERSONAL DATA

PLACE AND DATE OF BIRTH:	India	29 November 1992
PERMANENT ADDRESS:	C-123, Ashok Vihar-1, Delhi-52, India
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EDUCATION

2011-2015	Bachelors of Engineering in COMPUTER SCIENCE **Netaji Subhas Institute of Technology, University of Delhi**, India 74.96% / Major: Computer Engineering
Oct 2015	GRE Score: Quant: 170/170, Verbal: 163/170, Writing: 4.0/6.0
JUN- AUG 2013	Summer Intensive in Computer Science **Stanford University**, California COURSES :Artificial Intelligence, Algorithms, Management Science
MARCH 2011	**CBSE All India senior school certificate examination** Apeejay School, Delhi Final Percentage: 93.4%

WORK EXPERIENCE

MARCH 2018 - | SDE-2 at SWIGGY, Delhi

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- Data Platform team at India's fastest growing tech company.
- Data Science Platform- Design and Development of scalable, distributed, platform to develop, deploy, monitor and serve machine learning models. Serve over a billion predictions per day.
- Working on a forecasting engine to democratize time series forecasting of business/system metric for non technical analysts using fbprophet and superset for visualization
- Work on spark, spark ml, scikit, presto, kafka.

AUG 2015 - | Founder at SOCIAFLUENCE.COM, Delhi

Founder and lead developer at Sociafluence, influencer marketing and social media analytics platform.

- IIITD Innovate- Top 10 India startup, NUMA(Paris) Bengaluru, NASSCOMM 10k Selected
- Influencer search engine with over a million influencers on the platform with content analysis, influencer recommendation, entity recognition in image and textual data. Built using ElasticSearch, Deep learning(SciKit, Keras)
- Designed and developed scalable modular web platform using Python-Django backend API with Postgresql, Redis(Cache), CloudFront(CDN), EC2 Load-Balancer, Docker, ECR(Container Management) and Angular JS frontend.
- Developed a proprietary short URL service for analytics using AWS Lambda, DynamoDB, API Gateway.
- Profitable with a team 0f 6 and 6 figure US dollar Revenues

JUL 2014-AUG 2014 | Software Development Intern FLIPKART.COM, Bangalore

Developed a logistical simulator for operations dashboard to predict workloads.

- Developed a customisable, modular simulator.
- Developed a logistics simulator for the operations dashboard to predict workloads and plan route plan and logistic networks.

Jun 2012- Jul 2012	Summer Research Intern at MBU, Indian Institute of Science, Bangalore Conceived and executed a procedure to tag Mouse antibodies with Metal Ions as part of inter-department project to create kit for TB diagnosis.

Academic Achievements

2012-15	Merit Scholarship, NSIT
Jan. 2011	Kishore Vaigyanik Protsahan Yojna(National Scholarship)
Jun. 2011	CBSE Scholarship (Top first percentile Nationally)
Jun. 2011	ATSE Scholarship
Jun. 2011	Qualified IISC, AFMC and AIPMT national entrance tests.
Dec. 2013	Participant ICPC, Regional Amritapuri

Publication

Publication	S. Mandal, Navratna, Pratyush Sharma, B. Gopal, Aninda J. Bhattacharyya, Titania nanotube-modified screen printed carbon electrodes enhance the sensitivity in the electrochemical detection of proteins, Bioelectrochemistry

Projects Undertaken

Jan 2015-	Automatic Speech Recognition for Hindi using DNN-HMM Part of my Bachelors thesis project at NSIT: • Implemented the first DNN-HMM acoustic model for the Hindi language • Achieved 71% acoustic accuracy for the Hindi dataset. • Implemented an android app for interfacing with the ASR system on the server.
Apr 2015-	NSIT website development Project(**nsit.ac.in**) Student founder of the NSIT website development team which designed and developed the NSIT website: • Developed and designed the website framework for scalability and modularity for future development using Python-flask • Coordinated a team of 6 students and various faculty committees
Jan 2015 -	Nuclear Chain Reaction(**http://bit.ly/1yXTDeH**) Co-developed Android App Nuclear Chain Reaction using Java. : • Implemented user sign-in, leaderboard, and achievements. • Co-designed AI of the CPU bots. • Game of the week-firstpost: http://www.firstpost.com/tech/news-analysis/game-of-the-week-nuclear-chain-reaction-for-ios-android-3670815.html
Aug 2013 -	BookAge (**theBookAge.com**) Co-founded and developed BookAge.com: • Successfully sold 180 books through the platform • Develop a scalable and secure application • Manage publicity and operations of the system

Interests and Activities

MOOCS- Courses:Algorithms Design and Analysis, NLP, Foundations of Business Strategy, Machine learning

Languages - Python, C++, JavaScript

Technologies - Postgresql, ElasticSearch, AWS(ECR, EB, EC2, ElasticCache, Redshift, CloudFront, Lambda), Keras, SKLearn, Google cloud ML engine, AngularJS, Django, Flask

Understanding concept of life and philosophy

3rd - Delhi District Scrabble