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| ABOUT ME  * **B.Tech from IIT-Delhi.** * **Data Science leader** * **Machine learning professional with 5 years of industry experience.** * **Part time teacher in analytics courses**  SKILLSWORK  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Machine learning |  |  |  |  |  | | R |  |  |  |  |  | | Python |  |  |  |  |  | | Data mining |  |  |  |  |  | | Databases |  |  |  |  |  | | Data visualization |  |  |  |  |  | | Algorithms |  |  |  |  |  | | NLP |  |  |  |  |  | | Deep learning |  |  |  |  |  | | Computer Vision |  |  |  |  |  |  PERSONAL  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Strategy |  |  |  |  |  | | Organization |  |  |  |  |  | | Team building |  |  |  |  |  | | Creativity |  |  |  |  |  | | Social |  |  |  |  |  |  MISC TRAITS  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Product strategy |  |  |  |  |  | | Data Storytelling |  |  |  |  |  | | Academic writing |  |  |  |  |  | | Research driven |  |  |  |  |  | | Teaching |  |  |  |  |  |  DOMAIN EXPERTISE  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Retail Ecommerce |  |  |  |  |  | | Fintech and Risk |  |  |  |  |  | | Travel Ecommerce |  |  |  |  |  | | AcademicResearch |  |  |  |  |  | | Social Networks |  |  |  |  |  |  CONNECT **TEL1**: +91-9654491747  **E1**: mail@rahulkapil.com  **E2**: rahulkapilworld@gmail.com  **Skype**: rahul.kapil  **Web:**  **twitter**.com/rahulkapil  **facebook**.com/rahul.kapil  **linkedin**.com/in/rkapil  **rahulkapil**.com  **Address1**: A-32 G.R.D Nagar, Shivaji Street, Laxmi Nagar, Delhi 110092  **Address2**: C 6/16, Sec 52, Gurgaon, Haryana 122003 | RAHUL KAPIL  DATA SCIENCE PROFESSIONAL  +91-9654491747| mail@rahulkapil.com | @rahulkapil  NEW DELHI, INDIA PROFESSIONAL EXPERIENCE **(July 2015 – present)** HEAD OF DATA SCIENCES**COINTRIBE TECHNOLOGIES – GURGAON, INDIA**  **Cointribe** is an leading Marketplace for loans in India, pioneering in automated credit decision making tools for lending.  **Role**: I am Principal data scientist directly working with CEO and CRO in charge of building Machine Learning and analytics systems for Risk assessment, credit decisioning, fraud detection, data warehousing and business intelligence. Creating world class data science team in the process.  **Contribution**:   * Joined the company at initiation phase of business, immediately promoted to principal data scientist and then Head of data sciences to lead all analytics and machine learning efforts. * Built data sciences team, strategy and infrastructure from scratch. Now the team is 7 member strong and have developed more than 20 analytics systems inline with business goals. * Some notable projects are Fraud risk detection using logistic regression, notional EMI estimator, address validation system(proprietary), customer deduplication system, surrogate risk algorithm, POS data centric merchant risk assessment, social media based risk profile for salaried individuals, Financial product recommendation, * External interfacing with clients in banking industry to initiate, research and develop analytics products for them in our Product-as-a-Service initiatives. We have successfully delivered 3 products for banks helping us get entrenched deep in the industry. Making recurring revenue for the organization in the process. * On behalf of CoinTribe, presented 2 white papers on alternate lending models at conferences.   **(Mar 2016 – present)** LECTURER, MACHINE LEARNING AND ANALYTICS**ACADGILD ACADEMY – NEW DELHI, INDIA**  **Acadgild** is learning platform of experienced software professionals.  Role: I am currently lecturing 2 courses: Machine learning principles and Data Science in R each with about 10 students.  (Oct 2013 – July 2015) LEAD DATA SCIENTIST**SNAPDEAL – NEW DELHI, INDIA** **Snapdeal** is the biggest online retail marketplace in India.  **Role**: I used ML to Develop recommendation engines, marketing channel analytics, Payments fraud engine, Customer priority score, cohorts.  **Contributions**:   * Joined Snapdeal to research into machine learning applications on the payments side of the business. * Helped integrate freecharge and snapdeal data and drive intelligent cross sell across platforms, * Mined clickstream data to figure out customer priority and derive a personalized marketing campaign, * Implemented a novel algorithm for searching new products in catalog, improved seller rating system, * Recognized as young achiever for outstanding contribution to the organization in 2014. Was a top 1% performer in the vertical * Current recommendation algorithm is still driving checkout page product recommendation on the platform * Initiated and educated core developers to many data sciences practices in the organization like complaint prioritization, how to develop personalized news feed, how to develop recommendation engine, tracking data etc. This help build dna of machine learning in the organization   (Nov 2014 – July 2015) DATA SCIENCE CONSULTANT**MACHINEPARTY – SAN FRANCISCO, USA** **Machineparty** is Twitter type lead generation platform for industry.  **Role**: As a remote consultant performed, I helped this startup with formulating product requirement, do analysis on existing data, consolidate data sources.  **Contribution**:  Did News feed curation (like twitter). Used NLP for content classification(tagging), developed company reputation index (known as Machine Karma), help setup Business intelligence.  (Jan 2013 – Oct 2013) DATA SCIENTIST**IBIBO WEB Pvt Ltd – GURGAON, INDIA** **IBIBO** operates Goibibo(travel aggregator) and Tradus(E-tailer)  **Role**: Help deliver intelligence capabilities to existing properties of IBIBO group  **Contribution**:  Developed proprietary Seller rating, algorithm to improve search relevancy, automated product classification, time-series sales analysis, product bundling and product upselling systems.  (July 2011 – Oct 2012) DATA ANALYST**PARAMETRIC TECHNOLOGIES CORP – GURGAON, INDIA**  **PTC** is SAAS based company selling service lifecycle products  Did Forecasting, Predictive modeling, Inventory stock predictions. EDUCATION (2006 – 2010) BACHELOR OF TECHNOLOGY**INDIAN INSTITUTE OF TECHNOLOGY – DELHI**  **Major in Engineering Physics**. Relevant courses: Computational Physics, Mathematical Physics, Machine Learning, Statistical Physics, Probability, statistics and Modelling  2005 CBSE SCHOOLING(CLASS XII)**LOVELY PUBLIC SCHOOL – NEW DELHI**INTERNSHIPS (MAY 2010 – Apr 2011) NUMERICAL SIMULATIONS ENGINEER**BIAS Gmbh – BREMEN, GERMANY**  As a part of data science internship I preformed variety of experiments, Modeling and Simulation of Solid State crystals and their Bond  destruction using high power lasers    (May 2009 – Aug 2009) GUEST SCIENTIST**XLim– LIMOGES, FRANCE**  Numerical simulations of Lung Endoscope, And developing virtual model for working with GRISM and High power lasers.   PUBLICATIONSConstraint based ranking system in E commerce marketplace – March 2013Estimating Customer Priority and relative importance in an electronic transactional ecosystem using PAGERANK – June 2013Recommendation from clickstream user intent using PCA and collaborative filtering – January 2014Neural Net based Fuzzy String matching algorithm based on Words, Phrase, Length – May 2016Novel Address de-duplication system for Indian Addresses – August 2016NOTABLE CAREER HIGHLIGHTS**Featured as ‘Young Achiever’** for outstanding contribution towards Data Science in Indian Ecommerce in leading Tech Journal – Hirist.com (2015)**Social media data science evangelist**: High follower engagement on Twitter (40,000+)**Guest speaker** on Data Science practices in Ecommerce in Great Lakes Analytics Institute. (2016)**Visiting Faculty** on Machine Learning at SuBrains Pvt Ltd (Hyderabad). Have given lectures to industry professionals in this field. (2017)**Offered to pursue Statistical Physicist position** for in Germany for contributions at BIAS Gmbh (2010)**Ranked 1,145 in JEE** Conducted by Indian Institutes of Technology, (top 0.2 % all over India)**Developed and marketed a VIRTUAL DOCTOR APP**. That learns the symptoms and provides most probable diagnosis and treatment (2010) |

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