

## EXPERIENCE

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- **Bajaj Finance Limited** Pune, India  
*Associate Lead Data Scientist* *Oct 2017 - Present*
  - Leading a team to deliver multiple machine learning projects.
  - Responsible for building self adapting search engine for company website and app.
  - Currently building fraud detection frame work for high speed UPI/PPI transactions and login data.
  - Worked on development of customer knowledge graphs and application of graph machine learning for customer representation.
  - Established customer photographs (35 million) processing pipelines to increase operational efficiency and fraud detection.
  - Developed an image search engine for e-commerce data.
  - Worked on building in-house ICR & OCR capabilities for reading customer KYC documents.
  - Natural language processing models development and deployment for information extraction/classification/semantic analysis on financial reports, emails and chatbot logs.
  - Affordability and risk models for consumer, personal and home loans development and deployment for real time scoring.
- **Innoplexus Consulting Services** Pune, India  
*Associate Data Scientist* *Jun 2016 - Oct 2017*
  - Development of end-to-end tool for differential and network analysis for the identification of probable bio-markers using micro-array data.
  - Design and deployment of strategy for optimum sales force sizing for medical liaisons.
  - To gather data for various biomedical entities, establish relations between them to build an ontology.
  - Sequential Modelling to identify bio-medical entities in Text.
- **Innoplexus Consulting Services** Gurugram, India  
*Data Science Intern* *May 2015 - July 2015*
  - Database development by crawling and cleaning of web data for drug labels and user reviews.
  - Sentiment analysis of user reviews and identification of missing and rare terms in the drug labels.

## PUBLICATIONS

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- Towards Automatic Pharmacovigilance: Analysing Patient Reviews and Sentiment on Oncological Drugs. IEEE, 2015
- Probable Biomarker Identification Using Recursive Feature Extraction and Network Analysis. IEEE, 2017

## EDUCATION

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- **Indian Institute of Technology** Varanasi, India  
*Bachelor of Technology in Electrical Engineering; GPA: 8.88/10* *July. 2012 – May. 2016*

## SKILLS AND COURSES

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- **Programming Languages and Technologies:** Python, Java, R, Spark, Tensorflow, SQL, Elasticsearch, MongoDB, ArangoDB
- **Relevant Courses:** Artificial Intelligence, Computer Systems, Microprocessors and Micro-controllers, Algorithms and Data Structures, Numerical Methods, Optimization Techniques, Computer Programming and Graphics