

## 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

## EXPERIENCE

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- **Bajaj Finance Limited** Pune, India  
*Data Scientist* Oct 2017 - Present
  - Natural language processing models development and deployment for information extraction/classification/semantic analysis on financial reports, emails and chatbot logs.
  - Development and deployment of models for large scale image analysis for face identification, face comparison, image de-dupe and reverse product search.
  - Development of OCR and ICR models for text detection, orientation and recognition.
  - Development of search engine for the company website and app.
  - 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.
  - 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

## 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

## EXTRA-CURRICULAR ACHIEVEMENTS

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- Event Manager at IEEE Student Branch IIT (BHU) Varanasi (2014-15).
- Head of Creative team for Prastuti' 15 (Annual fest of Electrical Department, IIT (BHU) Varanasi).
- Winner of a National level robotics competition in Technex'13 (Annual Technomanagement fest of IIT (BHU), Varanasi).