Indrajit Singh

NLP Researcher

Enthusiastic AI Researcher eager to contribute to team success through smart work, attention to detail and excellent organizational skills. Clear understanding of NLP and Deep Learning concepts . Motivated to learn, grow and excel in Technology.

Contact

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LinkedIn
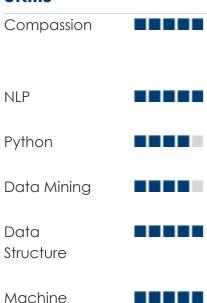https://www.linkedin.com/in/indrajitsinghds

Twitter
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Github Profile
https://github.com/IsinghGitHub

Skills

Compassion	■■■■■
NLP	■■■■■
Python	■■■■□
Data Mining	■■■■□
Data Structure	■■■■■
Machine Learning	■■■■■

Work History

2018-12 - Current

NLP Researcher

CellStrat, Bangalore, KA

- Worked with Cellstrat AI Lab on AI and NLP Research methods as Intern and later as NLP Team Lead for the last 2+ years.
- Having more than 2+ years of experience working on NLP and Deep Learning based models.
- Experience building state of art models using Deep Learning such as Questions Answering System, Text Summarizer, TTS .
- Developed and implemented high performance QA models having more than 93% accuracy and less than 8 seconds or response time for Pharma, Retail and Automobile sector farms using ALBERT and BERT based models.
- Recently published research paper on BERT - Algorithm Behind Better Search Engines under CellStrat.
- Implemented Abstract Text Summarization using LSTM.
- Worked on Named Entity Recognition on CRM log
  data using CRFsuite and LSTM.
- Recently I worked on a Kaggle note book for GitHub Bugs Prediction using BERT.
- Done Master's Thesis & Research on RNTN algorithm and its different use cases using Stanford NLP, CoreNLP.
- Experience working on Dimensionality reduction using Auto Encoders on W2V Representation and T-SNE Visualization.

- Used classification models (Naïve Byes & Maximum
Entropy algorithm) to classify data from different sources (JSON, XML, Flat File, Relational)

2020-07 - Current

Senior Customer Success Engineer

Fivetran, Bangalore, KA

- Confident , enthusiastic and experienced Senior Customer Success Engineer with technical expertise in Cloud Databases, ETL and AWS Server.
- Background includes data mining, warehousing and analytics on ETL.
- Highly proactive , efficient product debugging skills with more than 1000+ customers achieving > 97% SLA.
- Established Quality-driven approach to deliver excellent communication and project management skills for team and organization.
- Hands on experience in working with several open source marketing based APIs such as Google Ads , Facebook Insights , Asana.
- Experience in working closely on API layer level issues , debugging curl requests, and troubleshooting data integrity issues for enterprise customers.
- Expertise in Troubleshooting ETL pipeline issues.

2018-03 - 2020-06

Senior Software Engineer

Informatica Corporation, Bangalore, KA

- Built an outstanding and dynamic team of Application engineers and product specialists which significantly boosted overall success of organization.
- Experience on troubleshooting IDQ platform and Complex product issues deployed on Cloud servers.
- Experience in working on Cloud Data Quality and Microservices platform for analyzing data.
- Worked on log analyzer for creating summarized format for end users to understand complex log data.

- Used sentiment analysis for understanding customer communications and alerting end users.
- Data Quality: Implemented machine learning advanced Algorithms (Bigram, Edit Distance etc.), token labeling, regular expressions to remove duplicates, nulls, and errors in data.
- Also built complex rules to find correlation between different data fields using Probabilistic Fuzzy Matching algorithms.
- Designed Data Quality course modules for new engineers in team.
- Provide training and guidance to team members, Maintained more than 99% SLA for customer issues and provided accurate solutions and workarounds needed.
- Gained expert level understanding of various Linux and Unix servers, specifically RHEL/CentOS/AIX/Ubuntu.
- Demonstrable knowledge of TCP/IP, HTTP, web application security, and experience supporting multi-tier web application architectures.
- Designed and implemented complete ETL process using Informatica Power Center, Data Quality and BDM.
- Used SQL queries and Data Modeling techniques to create robust and efficient systems.
- Excellent understanding of Hadoop ecosystem and Architecture, modeling techniques, with hands-on experience in Linux Shell Scripting, Big Data distributions Cloudera, Hortonworks.
- Have Good knowledge of Unix Scripting and implementation on AWS, Hadoop and Informatica ETL environment.
- Worked closely with other business analysts, development teams and infrastructure specialists to deliver high availability solutions for mission-critical customers.

2012-09 - 2018-03

Application Engineer

Informatica Corporation, Bangalore, KA

- Solving skills to understand and reproduce product behaviors to determine problem root-cause(s), issue work-around and solutions.
- Great experience in working on large enterprise applications on various operating systems, databases and ecosystems.
- Work closely across departments to reproduce customer's scenarios and test EBF, FR and CR's in a timely manner.
- Worked on NoSQL/SQL large data stores upon multi-stage data pipelines for resolving customer issues.
- Experience in suggesting customers plan their server capacity including ongoing monitoring and server resource consumption to avoid any critical failure.
- Answered over 1000+ customer phone,email and web inquiries daily, increasing end-user satisfaction rates 94%.
- Hand hold the customer to become a Trusted Adviser from On-Boarding till their Go-Live and recommend the appropriate Support Entitlement meeting their Business Needs.

Education

2016-06 - 2018-08	**M.Tech: Data Analytics** *Birla Institute Of Technology - Pilani* - Dissertation: Recurrent Neural Tensor Network for Predictive Escalation
2008-07 - 2012-07	**B.Tech: Information Technology** *West Bengal University Of Technology - Durgapur*
2006-07 - 2008-07	**High School Diploma** *Kamalpur Netaji High School - West Bengal*