Ravi Yadav

https://github.com/raviyadv/resume

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EDUCATION

- **Birla Institute Of Technology**　　　　　　　　　　　　　　　　　　　　　Mesra, India
  Master in Computer Science;　　　　　　　　　　　　　　　　　　　　*Aug. 2011 – July. 2014*

EXPERIENCE

- **JP Morgan Chase**　　　　　　　　　　　　　　　　　　　　　　　　Bengaluru, India
  Senior Software Engineer　　　　　　　　　　　　　　　　　　　　　*June 2017 - Present*
  - **Navigator**: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models.
  - **Welcome**: Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.

- **HPE**　　　　　　　　　　　　　　　　　　　　　　　　　　　　Bengaluru, India
  Software Engineer　　　　　　　　　　　　　　　　　　　　　　　*Nov 2015 - May 2017*
  - **AP4SAAS**: Service for sending email, push and in-app notifications. Involved in features such as delivery time optimization, tracking, queuing and A/B testing. Built an internal app to run batch campaigns for marketing etc.
  - **Mobile**: Bulk data processing and injection service from Hadoop to Cassandra and provides a thin REST layer on top for serving offline computed data online.

- **ABC Research**　　　　　　　　　　　　　　　　　　　　　　　　　Pune, India
  Software Engineer　　　　　　　　　　　　　　　　　　　　　　*Aug 2014 and Oct 2015*
  - **Portfolio Management**: Created models for portfolio hedging, portfolio optimization and price forecasting. Also creating a strategy backtesting engine used for simulating and backtesting strategies.

PROJECTS

- **QuantSoftware Toolkit**: Open source python library for financial data analysis and machine learning for finance.
- **Github Visualization**: Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System**: Music and Movie recommender systems using collaborative filtering on public datasets.

PROGRAMMING SKILLS

- **Languages**: Scala, Python, Javascript, C++, SQL, Java　　　**Technologies**: AWS, Play, React, Kafka, GCE