Divyanshu Alok

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EDUCATION

- **Chaitanya Bharathi Institute Of Technology**   Hyderabad, TS
  Bachelor of Technology in Information Technology; GPA: 6.20   *2016 - 2020*

- **Navy Children School**   Port Blair, A&N
  Intermediate; Percentage : 84   *2013 - 2015*

EXPERIENCE

- **Google**   Mountain View, CA
  Software Engineer   *Oct 2016 - Present*
  - **Tensorflow**: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models.
  - **Apache Beam**: 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.

- **Coursera**   Mountain View, CA
  Senior Software Engineer   *Jan 2014 - Oct 2016*
  - **Notifications**: 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.
  - **Nostos**: Bulk data processing and injection service from Hadoop to Cassandra and provides a thin REST layer on top for serving offline computed data online.
  - **Workflows**: Dataduct an open source workflow framework to create and manage data pipelines leveraging reusables patterns to expedite developer productivity.
  - **Data Collection**: Designed the internal survey and crowd sourcing platfowm which allowed for creating various tasks for crowd sourding or embedding surveys across the Coursera platform.

- **Lucena Research**   Atlanta, GA
  Data Scientist   *Summer 2012 and 2013*
  - **Portfolio Management**: Created models for portfolio hedging, portfolio optimization and price forecasting. Also creating a strategy backtesting engine used for simulating and backtesting strategies.
  - **QuantDesk**: Python backend for a web application used by hedge fund managers for portfolio management.

PROJECTS

- **Adverse Road Condition Map**: Map based application to alert the user regarding potholes and speed bumps. The data is collected by the user itself.(Smart India Hackathon 2019 Problem statement, given by ARAI)
- **Spam detection and sentiment analysis**: Application based on Machine Learning using python to detect spam set of texts and further perform sentiment analysis. Tested on the Twitter data set.
- **Parent Pal**: Cross-platform mobile application to monitor application usage of target device (ios or android).

PROGRAMMING SKILLS

- **Technologies**:   ServiceNow Orchestration (Workflow Automation) , Power Automate, React-Native, React-js, Power Apps, Runbook Automation
- **Languages**: : Python, Javascript, Powershell, C++, SQL