

Abhishek Arora

"The best way to predict the future is to create it"



Mail : mail2abhishekarora@gmail.com

LinkedIn : @echoabhishek

Twitter : @echo_abhi

Phone : +91-7503995004

EDUCATION

Indian Institute of Technology Delhi, Delhi

[JUL 2012 - MAY 2016]

B.Tech [Engg. Physics]

Delhi Public School, Chandigarh

[APR 2010 - MAR 2012]

Senior Secondary [91%]

Delhi Public School, Chandigarh

[Till 2010]

Secondary [91%]

PROJECTS

Data Use Monitoring Dashboard, JPMorgan Chase

[DEC 2016 - PRESENT]

BigData Developer, Full Stack Developer

- Completely developed a role based native web-application for risk teams to track users attempting to access PII data across 13 clusters, working at Client location.
- Executed ETL processing on 2TB of raw data, aggregating into single multi-dimensional view, interacting through Tableau dashboard.

Tech Stack: Hadoop, Java, Hive, HTML/CSS/JSP, Sqoop, Bash Script, MySQL, Git, Control-M

User Entitlements Dashboard, JPMorgan Chase

[MAR 2017 - PRESENT]

BigData Developer, Java Developer

- Built a dashboard to show user entitlements across Greenplum & Hadoop clusters.
- Designed a web page to upload defined set of files to hadoop, establishing connection to HDFS and Hive & automating the process of fetching PII columns.

Tech Stack: Hadoop, Hive, Java, HTML5/CSS3/JSP, jQuery

Identity Recognition, Cognizant (Internal)

[OCT 2016 - DEC 2016]

BigData Developer

- Facilitated Video Analytic solution for reading streaming video data, performing face detection and number plate recognition based on the training dataset.

Tech Stack: Kafka, Hadoop, HBase, OpenCV

Holographic Solar Concentrator, IIT Delhi

[MAY 2014 - JUL 2014]

Jr. Researcher

- Generated Holographic films while optimizing the concentration of constituents & the thickness of film, achieving maximum diffraction efficiency upto 81%.

Protein-Ligand Interaction Mechanism, IIT Delhi

[MAY 2013 - JUL 2013]

Jr. Researcher

- Developed & implemented a model to simulate the Isothermal Titration Calorimetry profile for Protein-Ligand reaction using Monte Carlo Simulation & curve fitting.

INTERNSHIP

WhiteSwans Consulting Group, Gurgaon

[DEC 2014 - JAN 2015]

CSR Consultant

Strategically modelled the idea of Neem Schools & garnered sponsorship from corporates.

KMITL, Bangkok

[MAY 2015 - JUL 2015]

Research Intern

Designed a smart shoe to generate power (5 watts per shoe) using EMI to detect Diabetes.

SKILL SET

Big Data Technologies : Hadoop, Map Reduce, Hive, Sqoop, Impala, Kafka, Solr, HBase

Big Data Distribution : Cloudera

Languages & Frameworks : Java, Spring MVC, Webservices (REST), Shell Scripting

Databases : MySQL, Postgres

Platforms : MacOSX, Linux, Windows

Other Tools : Tableau, Control-M, Git, Jenkins, MATLAB, Arduino Uno

SCHOLASTIC ACHIEVEMENTS

Secured **AIR-2030** in **IIT JEE** 2012 among 4.7 lakh aspirants

Secured **AIR-133** & **State Rank 1** in National Cyber Olympiad 2011

Secured **AIR-84** in Unified Cyber Olympiad 2011.

Secured **AIR-93** in Mathematics Subject, **NSTSE** 2011.

Secured **1st** position in Annual Science Day Quiz at **IISER** 2011

AWARDS

Mehfil : Certificate of honor for the Best Ghazal, IIT Delhi (2014)

Group Dance - Awarded Best Comic Act, IIT Delhi (2013)

EXTRA CURRICULAR ACTIVITIES

Music: Performed in 3 events at National Level and a myriad at Inter-Hostel level

Social Endeavours:

Taught life-skills to 200+ underprivileged women & children via Art of Living. Led a team of 20+ for Voter Awareness Campaign in Delhi covering 20,000 voters

POSITIONS OF RESPONSIBILITY

Cadence - Western Music Society

DIRECTOR

Trained 18 students to compete in National Level Sing-off Competitions

Music Masti IIT Delhi

PROJECT HEAD

Initiated the project leading a team of 5 & Received International recognition from India Today, Gulf Times & NRI Samay

Yes!+ IIT Delhi

CORE TEAM MEMBER

Organized 18 workshops, delivered 30+ public talks touching over 2000 lives.