

Arka Roy

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arka-nitd.github.io

EDUCATION

NIT DURGAPUR

BTECH IN COMPUTER SCIENCE
May 2018 | Durgapur, IN
CGPA: 9.1 / 10.0

KV GARDEN REACH AISSCE

March 2014 | Kolkata, IN
Exam Score : 94.40%

ST MARYS CONVENT ICSE

March 2012 | Howrah, India
Exam Score : 93.60%

PROJECTS

DIGITAL FORTRESS

One of the most popular quiz game based on Google Maps which is live during college fest every year with active participation.

STATE SAVER

A handy chrome extension to save and reload the current open tabs together.

TECH SKILLS

- Spark • Airflow • Big Data
- Data Warehousing • Azure
- Spring Boot • Microservices
- Apache Storm • Python

Used in Past Projects

- Django Rest Framework • Laravel
- PHP • MySQL • C++

PROFILES

Github : [arka-nitd](#)
LinkedIn : [arka-nitd](#)
Quora : [Arka-Roy-24](#)
Hackerrank : [arka_nitd](#)
Spoj : [innovative_me](#)
Codechef : [arka_nitd](#)

EXPERIENCE

INMOBI | SDE II, IDSP

Jun 2018 - Present | Bangalore, IN

- Lead the post serving data pipeline stack ingesting 6TB daily data, created multiple reporting pipelines, revamped the data flow and design, led to overall cost savings of 5000\$ monthly and a highly reliable and consistent system.
- Created dag generator module during airflow migration which is being used by bidder and post-serve offline jobs.
- Created iDSP Cost API for integrating with MMP's like appsflyer, singuar.
- Worked on multiple critical projects like CCPA Compliance, Cloud Storage and Compute Optimisations, etc

BELZABAR SOFTWARE DESIGN | SOFTWARE ENGINEERING INTERN

May 2017 - July 2017 | Delhi, IN

- Developed REST APIs using Django Rest Framework for the project Hyperemail, which included permissions, authentication, user management, unit testing and database modelling.

ECUBE ENERGY | SOFTWARE ENGINEERING INTERN

May 2016 - July 2016

- Developed an application to automate the job of energy analytics calculation based on daily data consumption of industries as well as generating the analytics and dashboard for the same.

ACHIEVEMENTS

BOND 007 AWARD, INMOBI

Awarded to Individuals for critical thinking and ability to implement new ideas.

ACM ICPC 2017 | REGIONALIST

Gwalior Rank : 37 Kharagpur Rank : 38

GOLDMAN SACH CODESPRINT 2017 | RANK 107/10140

ACM ICPC 2016 | REGIONALIST

Chennai Rank : 95 Amritapuri Rank : 128

RECURSION CHALLENGE NIT DURGAPUR | RANK 80/959

ACTIVITIES

INSTRUCTOR | UNACADEMY

Made competitive programming courses on the Unacademy Platform.

SPEAKER, GNU LINUX USERS GROUP

Conducted classes for students on topics like Programming, Python Bots on Google Forms etc.

GENERAL SECRETARY, GNU LINUX USERS GROUP

Organized Hackathons, Sponsorships, created collaborations with tech groups as a member of GNU Linux Users Group.