Akshat Jindal
Software Development Engineer

✉ ajindal.iitkgp@gmail.com

📍 Bangalore, India

github.com/AkshatJindal1

📱 +91 99322 04227

🔗 linkedin.com/in/akshat-jindal07

WORK EXPERIENCE

Associate Software Development Engineer - II
Publicis Sapient

07/2019 – Present   *Bangalore, India*

- Working for a project to design a **Centralized Data Lake** to organize data coming from various business units into S3
- Developed functionality to move batch data from various data sources to S3 raw layer using **Spark job** and **Argo scheduler**, and streaming data to S3 and Vertica DB using **Kafka connectors** with daily partitioning strategy
- Worked for a car insurance firm to design a **deep learning model** to detect damages on car, and exposed an API using **Flask** to be used by Spring application for cost prediction and Flutter application for front-end
- Worked for an insurance firm to develop **front-end application** with separate customer and advisor portal using **React**
- Architected, developed and deployed to **AWS**, an online banking application that simulated microservice architecture (Java Backend, React Frontend)

INTERNSHIPS

Technology Consultant
Deloitte Touché Tohmatsu India LLP

05/2018 – 07/2018   *Gurgaon, India*

- Worked with the **GUIDE**: Power Department of the Consulting Function of Deloitte India in Gurgaon on two high- profile live projects which involved the bilateral collaboration of **Government of India** and **Government of United States of America**
- Developed the **Product Optimization Tool** using python for the benefits estimation of Reserves Power Market and long-term planning and procurement of power under **RISE Greening the Grid** program

Technology Consultant
Emami Agrotech Limited

05/2017 – 07/2017   *Kolkata, India*

- Assisted the Supply Chain Division of EAL on the project titled **"Minimizing Loss of Sales in HBC Business"**
- Designed an Excel VBA model to find most the efficient warehouse network model in terms of connectivity and cost

VOLUNTEER

Exchange Participant
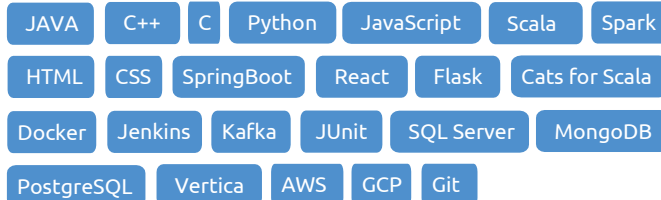**AIESEC Russia**

05/2016 – 07/2016   *Yekaterinburg, Russia*

- Assisted AIESEC in Global Community Development Program "Generation 2030" to promote Global Goals set by the **UN**
- Worked under team **Health Care** to promote healthy lifestyle by organizing marathon, yoga and dance workshops
- Addressed more than 500 people at the Youth Speak Forum held in Yekaterinburg on the role of healthy lifestyle

SKILLS

`JAVA` `C++` `C` `Python` `JavaScript` `Scala` `Spark` `HTML` `CSS` `SpringBoot` `React` `Flask` `Cats for Scala` `Docker` `Jenkins` `Kafka` `JUnit` `SQL Server` `MongoDB` `PostgreSQL` `Vertica` `AWS` `GCP` `Git`

PROJECTS

Bachelors Thesis Dissertation

03/2018 – 03/2019   *IIT Kharagpur, India*

- Led a project titled '**Option Pricing in Indian Market**' under Prof. Sujoy Bhattacharya, VGSOM, IIT Kharagpur
- Studied the Financial Point Process and various Financial Models to calculate the market parameters required for simulation
- Used day ahead volatility data to calculate risk neutral density surface and calculated call option price for that

ACHIEVEMENTS

- Secured All India Rank of **4888** in **JEE Advanced 2015** conducted by the Joint Admission Board among 2 lakhs+ candidates
- Among the **top 5%** of the batch to secure department change based on freshmen year academic performance
- Secured zonal rank of **16** among 600+ students in National Cyber Olympiad in 2013 conducted by SOF

POSITION OF RESPONSIBILITY

Events Head and Web Coordinator, Spring Fest 2018

2015 – 2019

- Member of apex body leading 27 core organizing team members, 40 associate members, and 200 crew members
- Single-handedly responsible for the formulation, planning, and execution of dance, fine arts and culinary genres of the fest
- Restructured culinary, fine arts and dance genre resulting in a 210%, 15%, and 30% increase in participation respectively
- Coordinated the tech team responsible for creating the website, mobile application and registration portal for the fest

EDUCATION

B. Tech in Chemical Engineering
IIT Kharagpur

2015 – 2019   *8.87 CGPA*

Senior Secondary Education
Delhi Public School, Ranchi (CBSE)

2014   *93.60%*

Secondary Education
St. Thomas School, Ranchi (ICSE)

2012   *94.28%*

INTEREST

`Painting` `Playing Guitar` `Sketching` `Photography`