Adisakshya Chauhan

(+91) 920-500-8365 | adisakshya@outlook.com | adisakshya.github.io | adisakshya | adisakshya

*Experienced **Senior Data Engineer** with a passion for computer technology and research. **Published author** with a diverse background in **architecting data and software solutions**, dedicated to leveraging innovative research to drive inspirational solutions that transcend industries and make a global impact.*

Publications

In Review

Chauhan, A., Sharma, B., Tomer, M., Chugh, M., & Wadhwa, A. (2022). Multi-document Text Summarization using Whale Swarm Optimization.

2021

Chauhan, A., Sharma, B., Bansal, P., Chugh, M., Anand, P., Hua, Q., & Jain, A. (2021). Benchmarking geospatial database on Kubernetes cluster. EURASIP Journal on Advances in Signal Processing, 2021(1), 1-29.

Work Experience

ZS
New Delhi
BIG DATA ENGINEER (BTS-ASSOCIATE) *2021–Present*

- Designing and implementing robust data engineering pipelines using **PySpark** and **AWS**, ensuring impeccable data quality and seamless data processing workflows.
- Crafting cutting-edge features aligned with client needs, **driving product-level enhancements** and successful release deployment.

Triveous
Bangalore
SOFTWARE DEVELOPMENT ENGINEER, INTERNSHIP *05/20–09/20*

- Developed and deployed **event-driven microservices** on AWS ECS, including a scalable **notification system** using Redis, FCM, AWS SNS, SES, and SQS.
- Implemented an **image-caching service** for on-demand image manipulation and improving load time.
- Created an **automated status page** using Atlassian Statuspage, AWS CloudWatch Events, and Lambda for enhanced visibility.

Solve Foundation
New Delhi
TECHNICAL MENTOR *01/20–03/20*

- Mentored the development of the National Science and Creativity Program (NSCP) web portal and mobile app, **overseeing front-end, back-end, APIs, and Android development**.
- Provided **technical guidance and code reviews** to ensure coding best practices and effective solutions for web and app development.
- Implemented analytics to **track and report NSCP website traffic and user engagement**, providing in-depth insights about website visitors.

Intellify
New Delhi
PYTHON & WEB DEVELOPER, INTERNSHIP *05/19–07/19*

- Designed and developed a **collaborative-filtering quiz recommendation system** for ISCO, enhancing user experience and engagement.
- Implemented a **Python-based REST API** to compile, analyze, and present ISCO results, providing comprehensive and accessible data for evaluation.

Bytescare
Noida
SOFTWARE DEVELOPMENT ENGINEER, INTERNSHIP *03/19–08/19*

- Automated the process of **piracy data collection and take-down procedures** for content creators, improving efficiency and reducing manual effort.
- Developed and implemented an **NLP algorithm** to classify and monitor email conversations for take-down requests, improving efficiency and accuracy in handling content piracy issues.

Education

Bachelor of Technology in Computer Science and Engineering (B.Tech CSE)
New Delhi
MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY *2017–2021*

- Graduated with **CGPA of 9.45/10**

Senior Secondary Education (10+2)
Pachmarhi
CENTRAL BOARD OF SECONDARY EDUCATION *2015–2016*

- Subjects: Physics, Chemistry, Mathematics with Computer Science
- Passed with **percentage : 88.4%**

High School (10th)
Tezpur
CENTRAL BOARD OF SECONDARY EDUCATION *2013–2014*

- Passed with **CGPA : 9.8/10**

Achievements & Certifications

2022 **Neo4j Certified Professional,** test score - 91%.

2021 **Analyzing Big Data with SQL Certification,** developed proficiency with distributed SQL engines for effective analysis and querying of large-scale datasets.

2020 **Google IT Automation Professional Certificate,** equipped with the skills to implement automation at scale.

2020 **Amazon Web Services (AWS) Specialization,** developed strong proficiency with essential and core AWS services.

2020 **100 Percentile,** in AMCAT exam for computer science.

2020 **Academic Excellence,** 1st Position in 2018-19 academic session, B.Tech CSE - Maharaja Surajmal Institute of Technology.

2019 **Nationwide Success,** 1st Runner up Infosys Digital Makeathon 2.0 Chandigarh DC.

2019 **NPTEL Elite Certification,** for Data Structures and Algorithm using Python. Ranked in the Top 5% scorers.

Skills

Programming	Python, SQL, Shell, Ciher, TypeScript, Javascript, C++, C, GraphQL, Latex
Technologies	PySpark, AWS, Docker, Kubernetes, Ansible, Nginx, Jenkins, Travis CI, Node.js, Redis, Firebase, Elasticsearch, Jira, GCP, Google Analytics, Google Search Console, Google Page Speed Insights, Lighthouse
Frameworks	Flask, Django, ExpressJS, NestJS, Electron, Bootstrap, JUnit, PyTest
Version Control	Git, GitHub, Bitbucket, GitLab
Database	PostgreSQL, Neo4j, AWS RDS, AWS DynamoDB, MongoDB
Languages	English, Hindi, French