

Rohan Mitra

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I am enrolled in *Jihočeská univerzita v Českých Budějovicích* in **Master - AI and Data Science** semester-1(winter) looking student job opportunities in the field of programming, data science, data engineering. Open to other possibilities too.

I am an experienced data engineer and have been designing, developing, and evolving ETL Data Pipelines for my firm. I value quality data and building systems that can help achieve it efficiently.

Skills & Interests

- Primary development skills: Python, Databases - SQL.
- Build robust ETL data pipelines, handling batch processing. Data processing tools like Spark, Pandas. Proficient in large-scale web scraping, and getting data from other sources like APIs, SFTP or third-party sources.
- Knowledge of building and deploying services in cloud environments like AWS, using components like EC2, S3, Lambda, Redshift.
- Design and build databases - MySQL, Redis or other non-relational databases.
- Follow best practices, to build, test, deploy, own and maintain services.
- Version Controlling using Github, with a focus on Agile software development lifecycles.
- Experienced in creating visualizations and automated reports.
- Write testable codes, with a focus on Test-Driven Development.

Experiences

D. E. Shaw & Co. — Remote

July'20-May'23

Senior Member Technical

- Designing, building, deploying and ETL pipelines for the business.
- Assure data quality and compliance.
- Work closely and add value as a go-to data person with users across Data Analysts, scientists and business stakeholders.

Primary Domain: Python Development

D. E. Shaw & Co. — Hyderabad, India

July'19-June'20

Member Technical

Primary Domain: Python Development

Technology Skills - Python; Web Scraping; Handling and maintaining REST APIs; Database design and maintenance; Cloud instance maintenance; Query Language - SQL.

I have a keen eye to understand the business of the firm, and have taken up great interest to learn finance concepts along with continuously enhancing my technical domain knowledge.

I have worked across different strategy groups in the firm and taken up internal training/courses to align my understanding with the groups from time to time.

LatentView Analytics — Chennai,India

July'18-July'19

Data Analyst

Primary Domain: Data Analysis; Python Development with a focus in text data extraction and building and analyzing with Natural Language Processing tools.

Technology Skills - Python; Web Scraping; Data Analysis; Pandas; *NLP* - Topic Modeling; text normalization; ngram analysis; sentiment analysis; regex; ,NoSQL; MongoDB.

Intern

Feb'18-June'18

Worked on building a model for matching the menu to the accurate recipe scraped across the web from different sources, using rule-based and SVM rank.

Times Internet Limited, Gurgaon,India

May-June,2016

Intern - Product Design

Worked on analyzing, designing UI mockups, process flows and prototypes on the existing for MensXP.com, a major Indian Lifestyle website. Has demonstrated working with multiple stakeholders like Product Managers, Software Engineers and Senior leaders.

Education

KIIT University, Bhubaneswar

2014-2018

B.Tech in Computer Science and Engineering

USB, Českých Budějovicích

2023-2025

Master - AI and Data Science

Other Education/Diplomas

Takshashila Institution, Bangalore

2020

Graduate Certificate in Public Policy

Research/Projects

An analysis and classification of Fake News Headlines using NLP Techniques

(Undergraduate Minor Project)

2017

Implemented a model for the prediction of fake news headlines using TF-IDF vectorization and other text analysis models.