# ABHIJEET ROJATKAR

+91 – 8149316295 || www.abhi1045.github.io || abhi.rojatkar@gmail.com || www.linkedin.com/in/abhi1045/

## SKILLS

- Python, JavaScript, R
- Django, Fast API
- React
- Node.js
- AWS, Terraform
- Docker
- Shell scripting
- C, C++
- Postgres, SQL
- Mongo DB
- Redis
- Machine Learning
- DSA
- MATLAB
- Simulink
- Arduino

## WORK EXPERIENCE

### Software Engineer (Data Science) I | Karbon Card
*August 2022-Present*
Bangalore, Karnataka, India

- Developed and deployed a **Credit Score model** on **AWS Lambda** which significantly improved credit card application processing speed (**5 days to 30 minutes**). Additionally, devised a pre-qualification methodology targeting corporate clients, resulting in a **40% reduction** in marketing expenses.
- Integrated CIBIL model with Credit Score model to increase more reliability.
- To detect and follow fraud in real time, a **fraud detection model** utilizing **pydantic** was implemented.
- Upgraded existing merchant name extraction model using **FASTAPI** and ML libraries and deploy it using **AWS EC2** to grouping around **lakhs of merchants to few hundreds**.
- Built **churn model** using different ML models to pre – identify the potential churn customer which directly **impact on Revenue**.
- Proposed and implemented interactive **analytics** i.e. forex dashboard featuring multiple charts like pie, bar, funnel, MoM, etc. using **Superset** on **AWS** (**ECS** and **RDS**) to facilitate data-driven customer targeting strategies.
- Automate the stamp application on the documents task by implementing a **user friendly application** which reduce the time from **45 minutes to few seconds**.
- Automate the **deployment process** on **AWS** of any stack using **Terraform** which reduces the **deployment time by 50%**.
- Migrate cards application by reducing **deployment cost by 30%** which includes setup of ECS, ECR, EC2, VPN, RDS and completed within few weeks.
- Managed the development lifecycle of a prepaid card application and Employed **Django** and **React** for efficient development and integrated **M2P**, **Signzy**, and **Syntizen APIs** for enhanced functionalities.
- Designed and implemented a robust **database schema** for the **Kite Finance application** and Utilized **Retool** to streamline development processes, resulting in a rapid product launch.
- Implement **Global Data Architecture** which collect data from **Hubspot** (CRM tool) and built data pipelines using **Fivetran**.

### Data Engineer | Virtue Tech Inc.
*December 2021-July 2022*
Remote, India

- Promoting the use of the yaml script for **CI/CD**, the deployment and bug fixes on Git quickly caught up.
- Composed 2 AWS **CloudWatch Dashboard** and Alarms for monitoring the resources.
- Introduced AWS **Lambda** along with AWS **EventBridge** to trigger it using some set of rules.
- Implemented, triggered and diagnosed AWS **EMR** cluster for pulling up data from on-premises data warehouses to **AWS S3**.

## EDUCATION

### Masters of Technology, Power and Energy Systems
*May 2022*
National Institute of Technology Karnataka (NITK) | Surathkal, Karnataka, India

- **8.82** CGPA | Ranked **2** from Department | Class Topper in **Machine Learning**.
- Thesis: Non-Intrusive Load Monitoring (NILM)

### Bachelor's of Technology, Electrical Engineering
*July 2019*
College of Engineering, Pune (COEP) | Pune, Maharashtra, India

- 6.21 CGPA

## CERTIFICATES and TRAINING

### IBM Data Science Professional Certificate
*March 2022*
*COURSERA*

- It is a 10 Course Certificate includes Tools for Data Science, Data Scrapping, Data Visualization, Machine Learning and Capstone Project.

### Applied Data Science and Machine Learning
*April 2020-June 2020*
*IIT Kanpur*

- Flagship training and internship program in Machine Learning and Data Science.

## ACHIEVEMENTS

### Hackerrank

- 5 star in **Python,** 5 star in Problem Solving and 4 star in **SQL.**