

Resume of Md Arifur Rahman Anik

Md Arifur Rahman Anik

Machine Learning Engineer

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DOB: 22-08-1999

Education:

University: Lovely Professional University, Punjab, India.

Subject: **Computer Science and Engineering.**

Profile Summary:

With 2 years of experience, I am a skilled Machine Learning Engineer proficient in algorithms, Django RESTful API design, and deployment technologies like Docker. I bring expertise in building scalable web applications and integrating machine learning solutions. My basic knowledge of Jenkins complements my ability to automate development processes. I possess strong problem-solving skills and thrive in collaborative environments, continuously updating my knowledge to deliver innovative solutions.

Key Skills:

- Proficient in a variety of Machine Learning algorithms for data analysis and predictive modelling.
- Extensive experience in developing web applications using Django and designing **RESTful** APIs for seamless integration.
- Skilled in containerization with **Docker**, ensuring consistent deployment across diverse environments.
- Familiarity with deployment tools like Gunicorn and Nginx for efficient and scalable web application deployment.
- Basic understanding of **Jenkins** for automating build, test, and deployment processes.
- Strong problem solving abilities and adaptability in tackling complex challenges.
- Excellent teamwork and communication skills fostering collaboration across interdisciplinary teams.
- Continuous learning mindset, staying updated with the latest advancements in machine learning, web development, and DevOps practices.
- Database: **MySQL, Redis, PostgreSQL**
- Web Server: **Ubuntu**
- Version control: **GIT**.

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Key Achievements:

- Successfully developed and deployed several web applications, showcasing proficiency in back-end technologies
- Deployed several django, FastApi, FlaskApi apps in Nginx.
- Solved performance Issue.
- Developed a fast api which is responsible for cleaning data for Job.

- Implemented spacy for NLP related tasks for a fast api and finally deployed that.
- Exposed spacy as a server.
- Trained machine learning model using Bert, Tensorflow, Keras, etc.
- Developed more than 350 spiders for job data scraping.
- Successfully implemented Docker on a django app.

Collaborative Team Player:

Known for collaborating effectively with cross-functional teams, including UI/UX designers, QA engineers, to deliver high-quality software solutions within project timelines.

Technical Skills:

- Web Technologies: **Python, Django**
- Database Management: SQL
- API Design: Familiarity with Django REST API, FastAPI, Flask API.
- Version control: Collaborative development using Git for effective codebase management.
- Familiarity with Nginx for successful deployments.
- Proficient in using my key technical skills and experience in solving design problems, designing software architecture, writing extensible and reusable code.
- Linux/Unix: Basic command-line knowledge for server management and troubleshooting.
- Proven ability to analyse complex problems, devise innovative solutions, and troubleshoot issues for optimal application performance. Strong commitment to staying updated with the latest industry trends and incorporating emerging technologies into projects.
- Have basic understanding of CI/CD, can implement.

Projects

| | |
|-------------------|---|
| Project #1 | Django Restful API |
| Technologies used | Python, Django, Tensorflow, Keras, Spacy, ML models, etc. |
| Description | It is responsible for data cleaning and extracting data from job content. |

| | |
|-------------------|--|
| Project #2 | Fast API |
| Technologies used | Python, Fast API, Spacy, Nominatim, etc. |

| | |
|-------------|---|
| Description | It is responsible for data cleaning and extracting data from job content. |
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| | |
|-------------------|--|
| Project #3 | Django Restful API |
| Technologies used | Python, Django, Tensorflow, Keras, Spacy, ML models, etc. |
| Description | Deployed this application in nginx and well configured the server. |

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|-------------------|--|
| Project #4 | Exposed spacy as Server |
| Technologies used | Python, Fast API. |
| Description | Exposed as a server, there are a couple of api end-point. Those are basically spacy language models. |

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|-------------------|---------------------------------|
| Project #5 | Python scrapy |
| Technologies used | Python, scrapy, BeautifulSoup. |
| Description | Scraped more than 350 jobsites. |

| | |
|-------------------|---|
| Project #6 | Wordpress website automation. |
| Technologies used | Python, Selenium. |
| Description | First scraped ecommerce data from a popular website carefully, then pushed all those data in another wordpress localhost. |

Job history

- **Ishraak Solutions Limited:- Machine Learning Engineer(Intern)(01/11/2021 - 30/05/2022)**
- **Ishraak Solutions Limited:- Junior Machine Learning Engineer(01/11/2022 - 30/04/2023)**
- **Jobdesk:- Python Developer(01/10/2023 - Present)**