Rupali Mishra

Software Developer

✉ rupali.mishra304@gmail.com   📱 9952592200   🗔 rupalimishra-v2.github.io   ⭘ github.com/rupalimishra-v2

EDUCATION

B.Tech in Information Technology
Vellore Institute Of Technology

07/2014 - 06/2018   *Vellore, India*

Information Technology

- Graduated with 8.26 CGPA

WORK EXPERIENCE

Author
Educative.io

11/2021 - 07/2022   *Remote*

Educative provides interactive courses for software developers in textual format. They aim at changing how developers continue their education.

Achievements/Tasks

- Utilized AWS experience in developing a course on cloud computing with bunch of working examples in public clouds including AWS, Azure and GCP.

Co-Founder
Shakatarian Private Limited

03/2021 - 04/2022   *India*

The company aimed at increasing the awareness of consumption of organic food products over inorganic.

Achievements/Tasks

- Utilized technical skills to learn CMS within a week along with the development of our website.
- Utilized SEO skills along with FB advertising to spread the aim of our brand. Designed the brand labels and with the constant improvements was able to bring traffic of more than 1000 in a day within a month of launch.
- Developed business skills, dealt with dealers and wholesalers one to one to get the maximum return out of the business.

Member Of Technical Staff
Nutanix Technologies Private Limited

04/2018 - 04/2021   *Bangalore, India*

Nutanix is a hyper-converged infrastructure pioneer that markets its technology as a building block for private clouds.

Achievements/Tasks

- Worked on the SaaS product BEAM, involved in analyzing the workload running on the public and private clouds. Built and managed microservices, built REST API's.
- Optimised relational database in use to save and reduce costing of RDS instance which helped in overall reduction of business cost. Logs and infra monitoring were the core of the optimisation task.
- Fixed numbers of bugs in short span of time which eventually helped company built and gain customers trust in the product.
- Developed features with aggressive timelines to fulfil the customers requirements. Handled customers on call to resolve their doubts and queries related to the product.

Intern
Minjar Cloud Solutions Private Limited

01/2018 - 03/2018   *Bangalore, India*

Minjar was a global cloud solutions company providing cloud optimisation and intelligent operations platform to businesses. (acquired by Nutanix).

Achievements/Tasks

- Developed a highly available microservice in Golang which was the requirement / pre-requisite by Nutanix to complete the acquisition.
- Performed concurrency and load testing with the help of open-source tool locust.

SKILLS

PostgreSQL   SaaS   Docker   Postman   DSA   Java   REST   Git   AWS   Python

PERSONAL PROJECTS

Telegram Bot (Cryptocurrency projects shilling)

- https://github.com/rupalimishra-v2/telegrambot
- The bot is developed with the help of a Python open-source library, Telethon. Bot's job is to pull the list of telegram groups and send the pre-defined message to the groups followed by generating the CSV report for the action, also it has the ability to take the screenshots using selenium of the messages sent to the groups and hence we can deliver the output to the concerned crypto project to publicise it, the sole goal of the bot is to highlight and promote the new crypto projects.

Coding Problems (Java, Python and SQL) (10/2021 - Present)

- https://github.com/rupalimishra-v2/daily_coding_problems
- https://github.com/rupalimishra-v2/leetcode-solutions-python
- https://github.com/rupalimishra-v2/postgresql_dba
- The repositories contains the solutions to the data structures problems that are received to the email on subscribing to dailycodingproblem.com. The solutions to these problems are available on the paid version. The repo aims at providing my version of solutions for free and we can have a discord chatroom to discuss the solution.
- Along with it, the leetcode solutions are present as well in Python & Java programming languages. Postgres repo includes database internals details along with the solution to SQL problems.

Portfolio Websites (Using Django & Flask)

- The personal website is developed in Django framework with the help of HTML, CSS, and python (to store the projects list in the database), not needed but wanted to explore the Django Framework. The website is deployed using Github Pages.Accessible at rupalimishra-v2.github.io.
- Another portfolio sample website is created using Flask framework. Check it out here : https://github.com/rupalimishra-v2/portfolio-template

Web scraper and Python concepts

- https://github.com/rupalimishra-v2/web-scraper
- https://github.com/rupalimishra-v2/python-concepts
- Web scraper pulls the NSE data and scraps the data to extract the required data from the HTML page source using Python and libraries such as beautifulsoup.
- Python concepts repo lists all the python concepts from basic to advanced and explains them via examples.

LANGUAGES

Java, Python, PostgreSQL
Full Professional Proficiency

Data analytics libraries : Python (numpy, pandas, matplotlib, beautifulsoup)
Elementary Proficiency

Miscellaneous Technologies: OOP, APIs, Git, Postman, AWS - S3, EC2, RDS, Athena, Spark, Snowflake
Professional Working Proficiency

Golang
Professional Working Proficiency