Aman Verma

Software Developer

Winner of JPMC-CodeForGood'21 | Python-Django Developer | Java Spring-Boot | JavaScript NodeJS | Competitive Coder | Among top 50 coders of IIT Bombay on HackerRank in Python division | 4-star coder on CodeChef | Specialist on Codeforces | Hacktober Participant (Open Source Contributor) | All INDIA topper in NPTEL Python Programming test conducted by IIT Madras.

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EDUCATION

Bachelor in Engineering
RV College of Engineering, Bengaluru

08/2019 - 04/2023   *Computer Science and Engineering, CGPA - 9.36*

WORK EXPERIENCE

Founding Software Development Engineer
Atmos

05/2023 - Present   *Bengaluru*

Achievements/Tasks

- Built the entire backend architecture from scratch and built microservices using FastAPI, Flask, and Redis.
- Worked on Java-Spring Boot to develop middlewares and increase the API performance by 33% using background processing and multi-threading.

Software Developer
Infilect

11/2022 - 03/2023   *Bengaluru*

Achievements/Tasks

- Worked as backend developer (Django Rest Framework).
- Worked with Django/Django Rest Framework- Google cloud, Big data, celery, and Multitenancy with Postgres and pipeline for Machine Learning models to backend.

Software Engineering Intern
JP Morgan Chase and Co.

10/2022 - 11/2022   *Bengaluru*

Achievements/Tasks

- Worked with Java, Splunk, and SpringBoot to create a dashboard and profiling the APIs that helped in speeding up the application by 45%.
- Also also worked with GraphQL and NEO4J to store the unstructured Data and used microservices.

DevOps Intern
Tata Medicals - Mslate

06/2022 - 09/2022   *Remote*

Achievements/Tasks

- Worked with AWS - EC2, Lambda, and Dynamo DB to increase the availability of the application by over 95%.

Project Research Intern
IISc Bengaluru

04/2021 - 04/2022   *Bengaluru*

Achievements/Tasks

- Team leader, worked on conversion of text to audio using python - NLP and data extraction using automation tools

SKILLS

Python (Advanced)   Django (Advanced)

Linux (Advanced)   Java (Intermediate)

Spring Boot (Intermediate)   JavaScript (Intermediate)

PostgreSQL (Intermediate)   REST APIs (Advanced)

NodeJS (Advanced)   GIT (Advanced)

PERSONAL PROJECTS

Built a website for NGO - Lend a Hand (in 24 hours) (07/2021 - 07/2021)
- It was a website for the NGO for the personal development of their students.
- I worked as a backend developer using Django for this project and handled databases like firebase and PostgreSQL.

Automated WhatsApp messaging (02/2021 - 03/2021)
- Using the Cloud API for WhatsApp created a bot that automatically sends the message to the desired contact at the desired time.
- Used Django REST Framework and the Cloud API for this project.

AutoDino - Automated dino player using image processing (08/2020 - 08/2020)
- Automated the dino game of chrome browser.
- Used Image processing and pyautogui for this project.

Attendance tracker for Google Meet using web scraping (03/2021 - 04/2021)
- Using the selenium web driver to automate the task of attendance tracking in google meet

Sign Language to text and audio conversion (06/2021 - 08/2021)
- Using Machine Learning and image processing, conversion of sign language to text/audio is done.
- Tensorflow and Keras are used to convert the processed image to text.

CERTIFICATES

HackerRank Verified Python Developer (07/2020 - Present)
Cleared the test for python on hackerrank

HackerRank Verified Problem Solver (07/2020 - Present)
Cleared the test for problem solving on hackerrank

ACHIEVEMENTS

Google Kickstart - Top 2k rank globally.

LeetCode - Top 3% global coders - Profile