Anuj Nair

Software Engineer

Nürnberg, Bavaria, Germany

🔗 anuj-nair.github.io

🔗 +49 1768 474 6004

🔗 linkedin.com/in/nairanuj29

🔗 nairanuj29@gmail.com

🔗 github.com/anuj-nair

SUMMARY

- I am a Software Engineer with 2+ years of experience. I enjoy data analysis and building machine learning models to solve problems. My skills include cloud computing, AWS, machine learning, data analysis, problem-solving, programming, and creative thinking.

EXPERIENCE

- **Keemut**|Delaware, United States — **Apr 2021 − Apr 2023**
  Back-End Developer (Remote)
  - Built python back-end integration with **Tesla API**.
  - Automated the machine learning pipe-line and reduced the time taken by **more than 50%**.
  - Developed **predictive models** using machine learning algorithms to forecast vehicle prices on a monthly basis.
  - Maintained and administered **AWS servers** that facilitated the Python back-end and machine learning pipeline.
  - Developed automated **unit and integration tests** to ensure the safety and reliability of the complete system.
  - Created various scripts to accumulate data regularly for the purpose of **data analysis**, **producing dashboards**, and **updating databases**.
  - Developed **web crawlers** to gather information on automobiles.
  - Developed bash and python scripts to **preprocessing** scraped data (using **NLP** and other algorithms) and **build a machine learning model**.
  - Developed **dockerized API** for deploying the inference engine of the machine learning models.

SKILLS

- **Languages**
  Python, JavaScript, LaTeX, Rust, Bash, Java

- **Libraries/Frameworks**
  Flask, Django, Node, Express, Pandas, Numpy, Sklearn, Matplotlib, OpenCV

- **Databases**
  PostgreSQL, MYSQL, MongoDB

- **Other Skills**
  AWS, Linux, Docker, Data Science and Analysis, Data Engineering, Machine Learning

EDUCATION

- **M.Sc. in Data Science**|(1\4 Semesters)   **Oct 2022 - Sep 2024**
  Friedrich-Alexander-Universität Erlangen-Nürnberg|Bavaria,Germany
  Current GPA: 2.6/5.0

- **B.E. in Computer Science and Engineering**|(8 Semesters)   **Jun 2018 - May 2022**
  Gujarat Technological University|Gujarat, India
  CGPA: 8.93/10.0

PROJECTS

- **Project MNIST**   🔗 Demo   🔗 Github

- **A∗ Algorithm**   🔗 Github

- **Snake Game - Reinforcement Learning**   🔗 Github

- **Face Recognition**   🔗 Github

SIGNIFICANT ROLES

- **Microsoft Learn Student Ambassador**   **Jan 2021 – Jan 2022**
  Microsoft

COURSE WORK

- **Python For Everybody**   Coursera
- **Advance Your Skills in Deep Learning and Neural Networks**   LinkedIn Learn
- **Master Cloud-Native Infrastructure with Kubernetes**   LinkedIn Learn
- **Learning R**   LinkedIn Learn

DECLARATION

- I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned.