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📍 Bangalore, India

in https://www.linkedin.com/in/sanjana-v-kulkarni/

Education

2017-08 - 2021-08
BE : Information Science & Engineering
BIET , VTU
CGPA : 8.15

2015-06 - 2017-04
Higher Secondary - PCMC
Narayana PU College

Technical Profile

SOFTWARE TOOLS
- Pentaho
- Microsoft Excel
- Tableau
- JIRA
- BitBucket
- MySQL
- SQL developer

PROGRAMMING LANGUAGE
- Java
- Python
- C++
- SQL
- HTML, CSS, JavaScript

TECHNOLOGIES
- GitHub
- VS Code
- Git
- NumPy
- Unix
- MS Windows
- StackOverflow
- MATLAB

Sanjana Vijay Kulkarni

Associate Systems Engineer

Dedicated professional with a history of meeting company goals utilizing consistent and organized practices. Skilled in working under pressure and adapting to new situations and challenges to best enhance the organizational brand.

Experience

2021-10 - Current
TCS, Bangalore
Associate Systems Engineer

- Improved existing framework for faster data processing using Python and improved main processing time by 33%, thereby increasing the scalability and reliability of the system. Implemented parallel processing to reduce execution time to 50%.
- Developed automation framework and scripts to reduce software testing time by 40% and increased accuracy and reliability of product.
- Developed software solutions enabling data cleansing with 10x speed optimization, improving overall effectiveness of supporting teams by 34%.
- I've written technical documents to help teams that rely on the frameworks developed by the development team for data extraction, cleansing, preparation, and transformation. This has greatly aided not only other teams, but also new team members in understanding the framework.
- Rapidly escalated project-related issues and provided support solutions

2021-03 - 2021-04
iNube, Bangalore
Intern

- Features for desktop platforms were developed using HTML, CSS, and JavaScript..
- Worked
- Assessed the technical viability of UX and UI designs.
- Collaborative project with a back-end developer to edit existing projects on client websites.

2020-07 - 2020-08
Rove Labs, Bangalore
Data Science and ML intern

- Data was compiled, cleaned, and manipulated for proper handling using Jupyter notebook with libraries such as NumPy, pandas, matplotlib, scipy, theano.
- Models were tested and validated for prediction accuracy in outcomes of interest.
- Communicated results and ideas to key stakeholders at Rove Labs.
- Implemented new statistical or other mathematical methodologies as needed for specific models/analyses.
- Respect, friendliness, and a willingness to assist wherever possible were demonstrated.

RELEVANT PROJECTWORK

- In 2018, I took part in the Smart India Hackathon to create a software solution that would allow farmers to optimize their water usage, make informed decisions about watering their crops, and simplify their work.
- Android App Development: In the fourth semester, under the supervision of Decibels lab Pvt Ltd, my team and I created an expense tracker application that was designed to be simple and easy to use by simply tracking your spending. It was created with Node.js and React Native for an Android phone running version 7.0 or higher.
- Library Management System: In the fourth semester, under the supervision of our professor, my teammate and I created a library management system that kept track of all the information about books on the library website, using PHP and SQL to safely store data and manually add data.
- Image GAN: My teammates and I developed a fascination for Deep Learning methods and their applications during our final year.
- With this heightened interest, we created a simple GAN that would merge two images and generate a new image.