Nikhil Suresh

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EDUCATION

Clemson University, SC, USA - *M.Sc. in Computer Science (Graduate Teaching Assistant)*   *Aug 2021 - Dec 2022 (exptd.)*
Relevant Courses: Deep Learning, Machine Learning, AWS Cloud Computing, Data Mining, Software Methodology

R.N.S. Institute of Technology (VTU), Bangalore, India - *B.E. in Computer Science*   *Aug 2015 - Jul 2019*
Relevant Courses: Data Structures & Algorithms, Computer Architecture, Operating Systems, Object Oriendted Programming

Work Experience

Morningstar, Inc. - Intern Technologist - *Chicago, Illinois*   *June 2022 - ongoing*

- Working on a Data science application using Docker, Cloudwatch, Python, Athena, Jupyter & Lambda.
- Setup the entire usage analytics pipeline for the application that drives several key business decisions.

Clemson University - Graduate Teaching Assistant - *Clemson, SC.*   *Jan 2022 - ongoing*

- Active teaching assistant in a class of 75 students, teaching Cloud computing in AWS (Solutions Architect).

Sports Inddex - Technical Consultant - *Bengaluru, India*   *Aug 2021 - Dec 2021*

- Interacted with various stakeholders and tech evangelists to present the application idea.
- Worked on the transition of a mobile application previously built on PHP to **Flask**. Userbase of more than **5000** users.
- Headed a team of **4 interns** and trained them to work on python frameworks and libraries.

Accenture - Associate Application Developer - *Bengaluru, India*   *Aug 2019 - June 2021*

- One of the youngest winners of the Accenture Exellence Award in the Future Focused and Growth Aligned Category.
- Built an end to end automated ticket assignment system using **Machine Learning**. Savings of **1200** manual hours/week, reduced triaging team size.
- Headed a Python bootcamp to train **13 colleagues** in basic **Data Analysis** using Python.
- Worked as a **SME** to build **web scraping** scripts using **Python** during the pandemic for a large pharmaceutical client. Resulted in **50%** increase in efficiency and reduced dependency on manual effort.
- Headed the transition of more than **8** client projects to **Version Controlling using Github**

Yokogawa - Trainee Data Scientist - *Bengaluru, India*   *Jan 2019 - Jul 2019*

- Built an end to end system starting with idea conceptualisation, proposal, implementation, testing and maintenance.
- Automated inventory management, data collection and transmitter code deciphering using **Python, Tkinter** & **Excel**.
- Worked in a team of two interns to interact with various different departments that were stake holders. Savings of **600** manual hours/week, **40%** increase in accuracy.

Experience & Achievements

AI4 Diversity Colloborator - *AI4 Diversity by Steve Nouri*
Featured in top 200 among 8,000 worldwide applicants, to colloborate on inclusion and diversity in Artificial Intelligence.

Outstanding Service & Leadership - *U&I Trust, India.*
Awarded for mentoring and assistance in raising $211,817 in 60 days for charity.

Other Projects

COVID 19 Telegram Bot - *Python, Data Preprocessing, Request Handling, Bot Automation, Web Scraping, Data Visualisation*
Automated report generation, 1000 user base, increased accuracy and efficiency (OOS contributor)

Mandela Effect - *Python, Flask, GIT, SQL, Jinja, SCRUM, Team member*
A web app based on the Mandela Effect.

Analytics Lab Usage Analytics - *Python, Docker, Lambda, Cloudwatch, Jenkins, JupyterHub, Plotly, Pandas, Athena*
An end to end Analytics dashboard and logging pipeline for the Analytics Lab application.