Nikhil Chukka

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EDUCATION

GEORGE MASON UNIVERSITY   *Fairfax, Virginia*
Master of Science in Computer Science – 3.73 / 4.0 CGPA   *Jan 2023 – Dec 2024*
Relevant Coursework: Analysis of Algorithms, Data Mining, Data Structures, Database Systems, Secure Software Coding and Python

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY   *Hyderabad, India*
Bachelor of Technology in Computer Science and Engineering – 9.37 / 10.0 CGPA   *2016 - 2020*
Relevant Coursework: Data Science, Big Data Analytics, Design and Analysis of Algorithms, Data Structures, Operating Systems, Python and Java

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PROFESSIONAL EXPERIENCE

ACCENTURE SOLUTIONS PVT LTD   *Hyderabad, India*
Application Development Analyst   *Oct 2020 – Nov 2022*

- Engaged and helped in developing an application in Salesforce Cloud using CI/CD tools such as Bit Bucket (Git), Jenkins, Sonar Cube.
- Utilized latest emerging technology and software to improve the application's speed and usability.
- Automated several manual tasks with Salesforce automation tools such as Workflow, Process builder and Flow and thereby reducing manual effort by 30%.
- Designed and developed dashboards in Einstein Analytics which helped in understanding KPIs and the insights, which in turn resulted in taking the right decision.

COGNIZANT TECHNOLOGY SOLUTIONS PVT LTD   *Hyderabad, India*
Salesforce Intern   *May 2019 – July 2019*

- Got to know Salesforce cloud better and understood it's true potential as a CRM software, started by learning the basics and covered topics such as Process Builder, Flow, Salesforce Apex, SOQL, Sharing rules, Classes, Testing, Sandboxes, etc.
- Developed a Salesforce project, an application called Dream-House, where in which users can browse through a list of available houses and can buy one or more, different functionalities of Salesforce such as Sales and Service are covered in this project.

ACADEMIC AND PERSONAL PROJECTS

CLASSIFYING FAKE NEWS ARTICLES USING ML TECHNIQUES   *2020*

- A Machine Learning project using Python in Google Colab. A novel fake news detector that uses quoted attribution in a Bayesian machine learning system as a key feature to estimate the likelihood that a news article is fake. Performance analysis is done between Multinomial Naive Bayes classifier, Decision tree classifier and Logistic Regression.

TASK SCHEDULING IN A CLOUD ENVIRONMENT   *2019*

- Proposed a Naive scheduling algorithm, in which the initial solution will be from a greedy approach. As we increase the number of iterations, the jobs are swapped with suitable VMs to reduce the turnaround time, there by, utilizing the resources optimally, improving the performance and QoS.

AVIATION DATA ANALYSIS USING HADOOP   *2018*

- Demonstrated how Apache Hadoop and Pig can be used to store and analyze large data sets in less time and much effectively compared to traditional database systems.

PROFESSIONAL CERTIFICATIONS

- Salesforce Certified Administrator
- Salesforce Certified App Builder
- Salesforce Certified Platform Developer I

SKILLS

Languages: C, Java, Python, Salesforce Apex, JavaScript, HTML, CSS.
Framework and Libraries: NumPy, Pandas, Matplotlib, Hadoop, MapReduce, Apache Pig, Kafka, Bootstrap, jQuery.
Tools: Salesforce CRM, Salesforce Tableau, Jenkins, Bit Bucket (Git), Sonar Cube, Visual Studio.
Database: Oracle, MySQL, Hive.

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

- Scored in top 1% (Elite Silver rank) in "Problem Solving Through Programming in C", a certification exam conducted by NPTEL (Funded by Ministry of HRD, govt of India) and IIT Kharagpur.
- Published research papers in reputed journals, namely "Classifying Fake News Articles Using Machine Learning Techniques" in PICES Journal in the year 2020, and, "Analysis of Various Machine Learning Classification Algorithms for COVID-19 Face Mask Identification", "Hadoop Based Generic Template for Performing Sentiment Analysis using Apache PIG" in International Research Journal of Engineering and Technology(IRJET) and International Journal for Research in Applied Science and Engineering Technology(IJRASET) respectively in the year 2021.
- Received "Key Performer" award for exceptional contribution to Unilever and Accenture.
- Participated in Smart India Hackathon 2019, a national wide hackathon conducted by MSME India.
- Participated in The National Service Scheme (NSS), a public service program conducted by the Government of India.
- Participated in "Walk for a Hope", a charity run conducted by Sreenidhi Cancer Foundation