Aditya Nagpal

Software Engineer

3F-86 , NIT ,
Faridabad, Pin 121001
8178766955
adityanagpal713@gmail.com

EXPERIENCE

Arcesium India Pvt Ltd. , Hyderabad — *Software Engineer*
Aug 2020 - PRESENT
- Working on development of executed trade accounting engine in order to verifying and directed to store in DB

Progcap , Delhi — *Software Engineer*
Aug 2019 - Aug 2020

- Ledger Underwriting categorization based on content and ERP formatting results, of the Retailers and Distributors for onboarding. Laid a pipeline for data addition and improvement.
- Created a microservice to automate all the document writing stuffs , created a code parser through which operations team can read any document automatically and check the results
- Created microservice for automatic form submission of the customers and fill their details automatically into the form from main database
- Automate the PDF ledger underwriting, invoice with system designing implementation , coding, machine learning, data analysis and visualisations which is used also by entire tech team in their development process
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INTERNSHIPS

PDS International , Gurgaon — *Software Engineer(Data Analyst)*
Oct 2018 - Jan 2019

- Automated the Data Reporting with Visualisation using Grafana
- Working on writing SQL Queries to Provide the Data on demand.
- Working on the Automation of Checklist verification process
- Development of The File Sharing Process , with adding functionalities to managing the permissions of the file and the editing procedures
- Analysis on the variations in freight rates

ACHIEVEMENTS & POSITION OF RESPONSIBILITIES

- **All India Rank 823**, amongst 2 lakh+ candidates in IPU-CET 2015 Computer Science.
- **Owner of main System Design for Business Problem** with over 15000 retailers data in Progcap
- **Member of Organizing Committee** for ACM - A Coding Event, MAIT
- **Core System Designer** , in every projects in the team

PERSONAL PROJECTS

- **Medical Diagnosis using symptom Analysis** - Working on columbia university dataset include set of symptoms and diseases , working on building the decision tree to build the proper flow of the diagnosis process, includes probability calculations to predict the results.
- **Chatbot using tensorflow** - Working on Cornell university dataset include set of conversation dialogues , working on building the attention mechanism to build the relation between the sequence of words, includes seq2seq architecture in tensorflow.
- **Document Text Detection framework** - A coordinate system analysis framework through which anyone can used to read the document for analysis purpose it can be used for faster reading data of documents.
- **General Scrapping Tool** - If you change the structure of website then every scrapping code will become , this library manages the change and and readjust the parameters to retain the flow of same data, build using chrome web driver

EDUCATION

Maharaja Agrasen Institute of Technology, 2015-2019
Btech| C.S.E | 7.4 CGPA

Scaler Academy, 2015-2019
Software Engineering, Remote

LINKS

https://github.com/adityanagpal

https://www.linkedin.com/in/aditya-nagpal-678aba14a/

COURSE WORK

Undergraduate- B Tech

Operating Systems(Linux), Computer Networks, Programming Languages C++, Java, DBMS, Algorithm Design and Analysis

Scaler Academy -

Data Structures , Algorithms, Competitive Programming, System Designing Concepts and Design patterns

SKILLS

Programming -

Confident - Python , C++

Average - Javascript, Java, SQL, HTML

Familiar- PHP, CSS

Frameworks - Django , Flask, Falcon, Sqlalchemy, pandas , AWS lambda

ONLINE COURSES

Machine Learning - NPTEL

Python 3 Deep Dive with Advance Python concepts - Udemy

Machine Learning, python-Udemy