

GURPREET SINGH

Stack Integration Engineer

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About Me

I love to learn new technical skills. Interests in ML/AI Problem Solving Automation.

Education

Indian Institute of Information Technology (IIITG) Guwahati

2018 - 2022

B.Tech-CSE

Skills

Data Structure

SQL

C++

Mathematics

HTML

Javascript

Database Management System

(DBMS)

Python

Robot Framework

Jenkins

Crontab

Linux

Shell Scripting

Computer Networks

Operating Systems

Problem Solving

Wireshark

Git

React Native

Selenium

Experience

Parallel Wireless-Stack Integration Engineer

2022 - Present

I work as an Automation and Testing Engineer in Python shell and c language.

Automate human tasks using robot framework for 5g Network.

Build new shell and python scripts for automation.

Andvancement in existing automation stack as per needs.

Fixing bugs in existing NRStack.

Projects

Netflix Recommendation System

• Recommended movies based on Collaborative Filtering

Approach.

• Used XGBoost KNNbaseline BaseLine to improve Accuracy of our model.

AI Chess Engine

Python Programming

• AI can play chess with human with different level of difficulties.

• Technique usedNegaMax MinMax and Alphabeta Algorithms.

Automation Framework (5g-NR)

• Automated Test and mails with crontab and Jenkins for continuous Run

• Build Error Handling scripts which keeps a check during runtime and corrects flow when found error.

• Scripts to analyse wireshark call flows and handover flows using Pyshark library (Python)

Achievements

Gate-CS 2022 AIR 1831