

Aadyant Srivastava

adyant2019@gmail.com | +91-8090044777 | LinkedIn

EDUCATION

ACHARYA INSTITUTE OF TECHNOLOGY

BACHELOR OF ENGINEERING - INFORMATION SCIENCE

September 2017 - 2021 | Bangalore, INDIA

EXPERIENCE

IIT KANPUR | INTERN

July 2019 - August 2019

- Made a web based application that generates network traffic.
- A packet generator or packet builder is a type of software that generates random packets or allows the user to construct detailed custom packets
- Sending a packet continuous or non-continuous, any protocol such as UDP, TCP, ICMP, and of respective packet length.
- This is an OS based web-application written in PHP, along with HTML, CSS and JavaScript.

IIT KANPUR | INTERN

July 2018 - August 2018

- Made a web based tool to capture and analyze network traffic.
- The purpose of this project is to develop an IPv4/IPv6 Network Monitoring Tool known as a packet analyzer, protocol analyzer or packet sniffer.
- It can intercept and log traffic passing over a digital network or part of a network.
- This is an OS based web-application written in PHP, along with HTML, CSS and JavaScript along with shell scripting.

PROJECTS

FARMBID | NODEJS, PYTHON, APIS, HEROKU, WEB-SCRAPING

May 2021

- FarmBid is a Full-Stack responsive web application to help Farmers and Consumers get the best possible deals.
- Created the API from scratch using POSTMAN, created middlewares and used Normalization on Database.
- For Authorisation and Authentication used stripe API and Oauth API.
- The data for computing prices was scraped from the web using a Web-Crawler created with Scrapy. The whole end to end solution is deployed on Heroku.

APPAREL RECOMMENDATION | PYTHON, LINEAR ALGEBRA, APIS, ML, COMPUTER VISION

Apr 2020

- A recommendation engine created using Machine Learning, Computer Vision, Linear Algebra and text-processing.
- Created a recommendation engine which suggests similar products to the given product in any e-commerce websites ex. Amazon.com, myntra.com etc.
- The recommendation engine, uses information about 1,80,000 products and each product will have multiple features

SKILLS

PROGRAMMING

Intermediate:

Python • JavaScript • C • NODE.js

Basic :

Pandas • Seaborn • React.js

MongoDB • SQL

Familiar:

Flutter • Shell

VCS & BUILD TOOLS

Git • Github

CLOUD SERVICES

AWS • Docker • Kubernetes

COURSEWORK

Algorithms and Data Structures

Operating Systems

Computer Networks

Theory of Computation

Computer Architecture and Organisation

Data Analysis

Machine Learning

Functional and OOPs Programming

Software Engineering

Linear Algebra

Discrete Mathematics

ACTIVITIES

Open Source Contribution

Google Dev meet

HackerRank Events