

Aadyant Srivastava

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SKILLS

DEVELOPMENT

PYTHON | JAVASCRIPT | TYPESCRIPT | NODE.JS | REACT.JS

AWS

EC2 | LAMBDA | S3 | SERVERLESS COMPUTING

MISCELLANEOUS

NLP | FIGMA | HTML/CSS | EXPRESS | DOCKER

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.

SERVERLESS FULLSTACK APPLICATION | PYTHON, S3, LAMBDA, CLOUDFRONT, RDS SERVERLESS AURORA

Apr 2022

- A Fullstack application built using serverless technologies of AWS.
- Entire application (Frontend, Business Logic, Backend) is built without any virtual machines or servers to maintain.
- Application is highly-available and is deployed using EC2, S3, Lambda and RDS.

EDUCATION

ACHARYA INSTITUTE OF TECHNOLOGY

BACHELOR OF ENGINEERING - INFORMATION SCIENCE

September 2017 - 2021 | Bangalore, INDIA

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