Rishi Sharma

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Experience

Jun 2022 – Aug 2022

Barclays, *Intern in API Developers*
- I developed a cutting-edge NextJS tool for generating dynamic UI's using RAML, making it simple to test API endpoints with ease.
- By implementing the parsing of RAML to JSON and visually appealing JSON response display, it streamlined the process and increased efficiency.
- Using an advanced tech stack including NextJS, Docker and OpenShift, this tool is sure to revolutionize the way we work with APIs.

Projects

Torrent Website ⬀
Duration: 3 months.
Technology: React, Django, Rest API, WebScraping.
Developed a comprehensive Torrent website utilizing NextJS framework for the front-end and Django Rest API for the back-end, providing users with an effortless and seamless experience to download movies, web-series, music, cracked games, and software, among others. Utilized web scraping techniques to gather a vast array of content, resulting in a dynamic and diverse library for users to choose from.

Cryptocurrency Wallet and Value Tracking Application ⬀
Duration: 6 months
Technology: NextJS, Machine Learning, Python3, Django, Solidity, and MySQL.
I created an Ethereum management dashboard to streamline transactions and asset management, featuring transfer capabilities, current balance display, transaction history, QR code integration, and a prediction column for Ether price. The user-friendly interface aims to enhance the efficiency of Ethereum transactions. The dashboard also employs machine learning to predict Ether prices and visually displays the predictions using Chartjs.

News Website ⬀
Duration: 3 months.
Technology: Laravel, Django, MySQL, Web Scraping.
I developed a news aggregation platform utilizing the Laravel framework, that sources information from various news outlets. The platform utilizes a MySQL database to persistently store news data, and employs a combination of scheduled scraping tasks utilizing Python and the Django framework to dynamically update the database with the most recent news articles.

Skills

Programming Languages
C&C++, Python3, Java, JavaScript, TypeScript, Node-JS, MySQL.

Frameworks/ Softwares
NextJS, React, Django, Selenium, Postman, Express, Docker, Nginx.

Data Science and BlockChain
Machine Learning, Deep Learning, Natural Language Processing, Solidity and Smart Contracts

Cloud Services
EC2 instance, Digital Ocean, GCP/w/GoogleAPIs.

Education

2019 – 2023

Graduation, *SRM Institute of Science and Technology*
Scored 9.31 CGPA

2018 – 2019

Class XII, *Modern Era Convent School*
Scored 88.00%

2016 – 2017

Class X, *Modern Era Convent School*
Scored 7.6 CGPA

Extra-Curricular

ISTE Hackathon, *(Topic - CyberSecurity)*
(Achieved Top 10 Finish)
As part of a 4-member team, I participated in the ISTE CyberSecurity hackathon and achieved a top 10 ranking. We developed a suite of security-focused applications including a Secure Mail Sender, Secure Browser, Strong Password Generator, and Spam Filter. Our solutions leveraged cutting-edge technologies such as Python, JavaScript, Tkinter, Google APIs, and Selenium Automation.

Hackatown 2021, *(Topic - Smart City)*
I developed a Smart City app that assists in finding essential amenities such as hospitals, schools, and supermarkets while searching for a new home. The user-friendly platform enables easy discovery of the ideal location through identification of nearby amenities. The solution was built with advanced technologies including HTML, CSS, JavaScript, and Google APIs.