

Lakshay Sahni

github:lakshaysahni08 | linkedin:lakshay-sahni-04
4535 12th ave NE apt E220, Seattle ,WA 98105| sahnil@uw.edu | (+91)8076777973

Competent full stack developer seeking software engineering internship opportunities.

EDUCATION

UNIVERSITY OF WASHINGTON
DEPARTMENT OF ELECTRICAL AND
COMPUTER ENGINEERING(EXPECTED
JUNE 2022) MINOR: MATHEMATICS
AND INFORMATICS
Cum. Gpa: 3.77/4.0

SARDAR PATEL VIDYALAYA
GRADUATION, APRIL 2018
New Delhi, India
Percentage: 94.25

COURSEWORK

Basic control Structures
Debugging Tools
OOP Concepts
File Processing
Recursion
Data abstraction and Encapsulation
Data Structures
R programming
Data Handling and sorting
Data Bases
Shiny apps
Ux Design
Abstract and Linear Algebra (Machine Learning)

AWARDS AND

CERTIFICATIONS

2018-20 Deans List - University Of Washington
2019 Special Mention - SWE Hackathon
2019 Dubstech - Ux designer
2017-18 Secretary Sports
2018 Senior Soccer Team
2015 Jenysis 2.0 Japan(represented India)

SKILLS

PROGRAMMING

Over 5000 lines:

• Java • R • Python • SQL • Django

Over 1000 lines:

• C++ • CSS • HTML • React

Familiar:

• node js

EXPERIENCE

DIVINE FELLOWSHIP | FULL STACK DEVELOPER (JUNE - SEP 2020)

- Worked with a New York-based philanthropic startup focused on alleviating the effects of COVID-19
- Single-handedly Designed and Developed **backend architecture** for a service that helps to organize events to distribute and track pandemic essentials such as masks, sanitizer, medicines, etc.
- Worked with the **front end** team and made landing and web application pages using **ReactJs**.

LEVERAGE EDU | DATA AND SOFTWARE INTERN (JUNE 2019-AUG 2019)

- Developed web-scrappers using **BeautifulSoup** and **selenium** to mine huge amount of data and pre-processing it into structured data efficiently.
- Helped in optimisation of the search engine using **AI**.
- implemented **Image processing** using **OpenCV** and **tesseract** for Auto evaluation of resume and LOR. [link:LeverageEdu](#)

V-SHESH | VOLUNTEER (JUNE 2018-AUG 2018)

- Developed and installed Navigation chips on wheel chairs which guided physically handicapped to reach to a desired location safely using **python** and **rasberry pi**

PROJECTS

EPIROULETTE | PERSONAL PROJECT (JULY 2020 - PRESENT)

- It is an api based implementation of a chrome extension which plays random episodes of top tv shows across various streaming platforms based on **django, js, html and css**. [link:Epiroulette](#)

FLIGHT APP | PERSONAL PROJECT (JAN 2020-MARCH 2020)

- Implemented an app that allows users to login,sign up,search,view itineraries,cancel and book flights using dynamic database management and query system in **java, MySQL and Microsoft Azure**.

SUICIDE RATE ANALYSIS | PERSONAL PROJECT (APRIL-JUNE 2019)

- Analyzed Suicide rates around the world based upon various categories such as GDP, age-range, and gender across different countries to analyze patterns, identify danger areas and spread awareness on mental health and deployed it as a **shiny app** using **R**. [link:Suicide Rate Analysis](#)

RESEARCH

ASSESSING THE IMPACT OF SEISMIC ACTIVITIES ON MARINE MAMMALS | DR. SHIMA ABADI (JAN 2020 - SEP 2020)

Leveraging the use of **deep and machine learning** along with underwater acoustics and **array signal processing algorithms** to analyse ocean noise, identify its patterns, and assess the impact of seismic activities on marine mammals.