Website: dldisha.github.io/
Email: jb.dishalamba@gmail.com
dl4747@nyu.edu

Github: github.com/dldisha
Linkedin: linkedin.com/in/dldisha/

DISHA LAMBA

EDUCATION

2021 - 2023 (expected) | New York University, Brooklyn
Masters in Computer Engineering with 30% scholarship

2016 - 2020 | Bharati Vidyapeeth's College of Engineering, India
Bachelor of Technology (B. Tech) in Information Technology
- Cumulative GPA: 8.0/10.0
- Undergraduate thesis: An Integrated System for Occupational Category Classification based on Resume and Job Matching

TECHNOLOGIES

Languages: Linux, JavaScript, Ruby, Python, C/C++, HTML/CSS
Skills: Git, Webpack, Ruby on Rails, ReactJS, Dialogflow
Database: PostgreSQL, MySQL

PARTICIPATION & AWARDS

- NYU Tandon Summer Scholar - Machine Learning
- NYU Merit Scholarship for Fall 2021 semester
- Best Medical Hack - $100, MHacks 13 Beta
- Wolfram Award for Top 30 hacks - MHacks 13 Beta
- Top 100/2000 Hacks - Facebook Messaging Hackathon
- Top contributor, GirlScript Summer of Code'19

PROJECTS

- **Plasma Desk with ExpressJs, Node**
  A platform driven by doctors and technology, that ensures an eligible plasma donor is stored in blood banks and provided for clinical trials and to those COVID-19 patients who may need it. The plasma donor information is stored using Firebase and displayed on the web using Express. J's, jquery and javascript.

- **MindPeer, Chatbot with Dialogflow**
  Developed a messenger chatbot created to bridge the gap between people who need support for mental health care and verified people who can provide support by creating a safe space through the Facebook handover protocol.

- **Zenith - Ecommerce with React**
  Developed from scratch an e-commerce web app with ReactJS to display products, PayPal for handling payments, and Redux, MongoDB to handle checkout functions.

- **Twitter Clone with Ruby on Rails**
  Developed a Twitter clone with Create-Read-Update-Delete functionality for tweets: following and followers' feature was also added.

RESEARCH PUBLICATIONS

Sign Language Recognition

Reviewed various assistive machine learning applications that made use of different types of algorithms using Image processing, OpenCV, CNN, etc. Which aim to bridge the gap between differently-abled people by making connecting, sharing, and interacting easier with these algorithms.

An Integrated System for Occupational Category Classification based on Resume and Job Matching
ICDAM - Internationl Conference of Data Analytics & Management, Springer, June 2020

Propose a model that will extract vital information using Natural Language Processing and will calculate each individual's resume score, best occupational career path, and tell us if the person is suitable for that particular job profile based upon his/er occupational category and score.

PROFESSIONAL EXPERIENCE

Data Analyst, Sapio Analytics
June 2020 - Jan 2021
- Developed SAKSHAM (Shramik Shakti Manch), a Govt. of India project under the Ministry of Science and Technology.
- The objective of Saksham is to map the skill set of migrant laborers with those of the industry requirements by using technologies such as React JS, Node, and Data visualization tools.

Software Developer, inDDev
June 2019 - July 2019
- Developed a dynamic Content Management System for Product Management using Ruby on Rails wherein modifications made by admin at the server site are rendered through HTML, JavaScript, and Ruby at the client site; this application is currently being used by the company Merino-Laminates
- Assisted in managing database operations in PostgreSQL

Mentor, Internity Foundation
December 2018 - February 2019
- Mentored students to develop various skills for web development - HTML/CSS, Bootstrap, JavaScript
- Reviewed various GitHub pull requests and helped students with their projects

Trainee - IT, Vbros Auto Pvt Ltd
December 2017 - February 2018
- Worked with the software team to implement a database software using C# and MySQL

EXTRACURRICULAR ACTIVITIES

- Volunteer, Zomato Feeding India, Gurgaon Chapter
- Outreach, Organizing Team, GirlScript Summer of Code'20
- Web Development Executive, Association for Computing Machinery (2018)
- Synergy Representative, Synergy'17