DISHA LAMBA
New York, USA

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EDUCATION:

New York University | New York, USA   **Sept 2021 - May 2023**
MSc Computer Science & Engineering
Courses: Tandon Summer Scholar - Machine Learning

Bharati Vidyapeeth's College of Engineering | Delhi, India   **Aug 2016 - Sept 2020**
Btech Information Technology   GPA: 3.3

TECHNICAL SKILLS:

Languages: Linux, JavaScript, Ruby, Python, C/C++, HTML/CSS
Development Tools: Ruby on Rails, Node.js, React.js, Keras.io, Tensorflow
Databases: MySQL, PostgreSQL

PROFESSIONAL EXPERIENCE:

Sapio Analytics | Data Analyst Intern | Mumbai, India   **July 2020 - Jan 2021**
- Built a ReactJs application that will map the skill set and abilities of migrant laborers with those of the industry requirements.
- Used Survey.js to create surveys for both demand (Industry-specific) and supply (migrant laborers) portals and extracted data from them to analyze using D3.js.
- Tested various APIs on Postman for variations and triggers.
- The web application is currently being used by Govt. of India under the Ministry of Science and Technology.

inDDev | Software Developer Intern | Haryana, India   **June 2019 - July 2019**
- Developed a dynamic Content Management System for product management using Ruby on Rails.
- Modifications made by admin at the server site are rendered through HTML, JavaScript, and Ruby at the client site, coupled with PostgreSQL.

Internity Foundation | Mentor | Haryana, India   **Dec 2018 - Feb 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.

RESEARCH EXPERIENCE:

An Integrated System for Occupational Category Classification based on Resume and Job Matching (link)
ICDAM - International Conference of Data Analytics & Management, Springer, June 2020
- Proposed 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/her occupational category and score.

PROJECTS:

Bullish, Stock Market Analysis with Python, Machine Learning
- Fetched 50 years of stock data and analyzed the variations by applying Bollinger band, KNN, Random Forest & Logistic Regression. The algorithm predicts whether to buy or sell stock on the given day from the analyzed results.

Plasma Desk with ExpressJs, Node
- An online web 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 ExpressJs, jquery, and javascript.
- The project won the Best Medical Hack in MHacks 13 Beta Hackathon 2020.
- The project won the Wolfram Award for Top 30 hacks in MHacks 13 Beta Hackathon 2020.

Momentum, Ecommerce with Ruby on Rails
- Developed from scratch an e-commerce web app with Ruby on Rails to display products and other basic functionalities.
- Used Razorpay for handling payments, and MySQL to handle checkout functions.

ACHIEVEMENTS:
- Top 100/2000 Hacks in Facebook Messaging Hackathon 2020.
- Top contributor in GirlScript Summer of Code 2019.