

# Diya Mahendru

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## Experience

### Backend Developer, Quoality, Gurugram

August 2021-Present

- Solely built the backend API for a fintech project.
- Used Serverless framework with Express to make the microservice.
- Used AWS services like Dynamo DB, S3, Cloudwatch, and SQS.
- Also built the backend of a user-facing vehicle booking app.
- Implemented wallet functionality using the Paytm gateway.
- Deployed the project on AWS Elastic Beanstalk.
- Setup the CI/CD for the same on Gitlab.

### Software Developer Intern, Rastech Digital, New Delhi

February 2021- July 2021

- Managed MongoDB database for an e-commerce website.
- Contributed to the backend of e-commerce API.
- Also had hands-on experience in frontend and backend integration.

### Machine Learning Intern, NET Prophets, Remote.

May 2020 – July 2020

- Built an image recognition model.
- Used different machine learning algorithms to implement ANNs.
- Created a dataset of 1000+ images.
- Worked on removing overfitting from the model.

### Summer Intern, NIC MeitY, New Delhi

June 2020 – July 2020

- Worked on the Vahan and Sarathi REST APIs
- Moved the existing SOAP APIs to REST.
- Hosted them on the API management platform.

## Education

### Bharati Vidyapeeth College of Engineering, GGSIPU

New Delhi, India

Bachelor's of Technology in Electronics and Communication Eng., CGPA: 8.14

2017-2021

### Doon Public School

New Delhi, India

Class XII PCM, Percentage: 84.6%

2015-2017

### Doon Public School

New Delhi, India

Class X, CGPA: 10

2014-2015

## Skills

**Programming Languages:** Javascript, C++, HTML, CSS

**Frameworks:** Express, React

**Technologies:** AWS, MongoDB

## Projects

### **Todo**

*React, CSS*

<https://github.com/diyamahendru/react-todo>

A simple react todo project wherein you can in the todo list, remove from the todo list, and delete the list.

### **Bookclub API**

*Express, Mongoose*

<https://github.com/diyamahendru/Bookclub-API>

A simple backend replica of the famous Goodreads website using node js.

### **Personal site**

*HTML, CSS*

<https://github.com/diyamahendru/personal-site>

A simple website made to practice the fundamentals

### **React Form Validation**

*React*

<https://github.com/diyamahendru/form-with-react-validation>

A simple form validation in React.

### **Javascript Form Validation**

*HTML, CSS*

<https://github.com/diyamahendru/Javascript-form-validation>

A simple form validation in Js using CSS and HTML.

### **Data Analysis with pandas**

*Pandas*

[https://github.com/diyamahendru/data\\_analysis\\_with\\_pandas.git](https://github.com/diyamahendru/data_analysis_with_pandas.git)

Applying the different functions on a dataset to understand the data better.

### **Image Classification from Scratch**

*Numpy*

<https://github.com/diyamahendru/Image-Classfication-from-scratch>

Understanding the basics of a neural network and then building one without any deep learning libraries.

### **Data structures Algorithms**

*C++*

<https://github.com/diyamahendru/Data-Structures-Challenges.git>

A collection of all the different DS challenges I have solved so far.

### **Convolutional Neural network on MNIST Dataset**

*PyTorch*

<https://github.com/diyamahendru/MNIST-Dataset-CNN-Practice.git>

Tried hands-on building CNN on MNIST dataset.

### **Multiple Linear Regression**

*Scikit-Learn*

<https://github.com/diyamahendru/Multiple-Linear-Regression-with-scikitlearn.git>

Tried my hands on multiple regression on deodorant data using backward elimination.