

Vishvam Amin

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EDUCATION

AEC diploma, Information Technology- Programmer Analyst (R-score: 29.169)

LaSalle College, Montreal

2020-2021

Subjects: Object oriented programming, Scripting language, Application & Web development.

Bachelor's of Engineering, Information Technology (7.96/10)

Gujarat Technological University, India

2015-2019

Subjects: Data Structures and Algorithms, Artificial intelligence, Database system.

EXPERIENCE

Front-end Developer | Heroic Minds, Toronto, Canada

Sep 2021- present

- This is a company that I am working on as a front-end developer and making the main website of the company.
- Technical stack for the website is React, Redux(State-management), Bootstrap(design)

Front-end Developer Intern | Techrangle Inc, Toronto, Canada

May 2021- Oct 2021

- Designed a web application in angular frame work. And made the use of REST API to work with the Data. Made the reusable components, which results in less code.
- With the use of angular material UI and SASS designed the website and made it scalable.
- As a second project, working on the main website for the company. Which is built on the **React** and **Gatsby** framework. Also using the **GraphQL** on the backend and making the update of the website.

Machine learning Intern | Innoventaa Technology, India

Jan 2019- July 2019

- With the use of scikit learn in python implemented machine learning concepts in project.
- Implemented the sales price prediction system. Using the Logistic regression algorithm.
- Built the website with the flask frame work in python in which we can get the prediction by uploading the sale data and get the graphical representation of the data using Matplotlib and sea-born.
- For the data cleaning and the reading used the pandas and numpy library of the python.

TECHNICAL SKILLS

Programing:	Python, JavaScript, Typescript, C/C++, C, MySQL, PHP
Framework:	Node, React, Angular, Next.js, Gatsby, Redux.
Web technologies:	HTML5, CSS/SASS, REST APIs, AJAX, jQuery, JSON, ASP.NET, GraphQL.
Software:	VS code, GitHub, Visual Studio, IntelliJ, Android Studio, Postman
Concepts:	Object-Oriented Programming, Agile, UML, Competitive Programming,
Deep Learning:	Machine learning concepts, Deep learning concepts, Data Analyst, CNN
ML technologies:	Tensorflow, Keras, Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn

PROJECTS PORTFOLIO

Current Project (React, Redux, Bootstrap):

- This is a company that I am working on as a front-end developer and making the main website of the company.
- Technical stack for the website is React, Redux(State-management), Bootstrap(design).

Previous Project (Angular, SASS):

- In my company I am working as a front end developer. And, making the website with the angular.
- I do the designing of the website with the SASS.
- Also, I learned about the how to make the code reusable.

Movie Application (React.js, Styled components):

- Made this application with the React and styling of the website is done in the styled components of the react.
- API handling, getting data from REST API and displayed with styled components.
- Also setup the routing of the website with the use of react router.

Sign Detection (Tensorflow.js, python, React.js, Deep Learning):

- CNN was used and developed the model which can detect the sign from the real-time image.
- Made both image classification and object detection with same network architecture.
- Used the python model in tensorflow.js and made the structure using the react.js

Product Sale Prediction(python, flask, Machine Learning):

- Use the machine learning library such as the scikit-learn to get the prediction. And use of Matplotlib to present the data.
- Worked with flask (Python) framework.
- Got the sale prediction for the product based on the previous sales statistics.
- Used the Liner regression algorithm to get the prediction.

Schedule Management(php):

- Used PHP on the backend and a pre-existing template for the frontend
- Website to manage schedule of employees in small business.
- Integration of API's such as Dayplotlib to add the calendar within the website. In which we can add the shift for the employee and reschedule the shift.

CERTIFICATION

Machine Learning, June 2020, Coursera (Stanford University)

Statistics with Python Specialization, May 2020, Coursera (University of Michigan)

Deep Learning Specialization (Pursuing), June 2020 - PURSUING, Coursera (deeplearning.ai)

Tensorflow Specialization (Pursuing), June 2020 - PURSUING, Coursera (deeplearning.ai)

Browser-based Models with TensorFlow.js, Mar 2021, Coursera (deeplearning.ai)