

# Aman Shrivastava

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## EDUCATION

Mukesh Patel School of Technology, NMIMs University, Mumbai, India

**Bachelor of Technology in Information Technology**, Expected May 2022

GPA: 3.32/4

Courses: Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, Machine Learning, etc.

## SKILLS

Programming Languages:	Python, JavaScript and Dart
Web Technologies:	HTML5 ,CSS3 , Flask, Node.js, Express.js ,React.js, Bootstrap4, EJS, Handlebars and Jinja
Databases:	Firebase, MongoDB, and SQLite
Operating System:	Windows, Android
Other Tools:	Heroku, Git, Postman, Flutter, TensorFlow, Keras and Scikit Learn
Online Courses:	Udemy (Web Development, Flutter, Data Structures and Algorithms, Python, ML and DL)

## WORK EXPERIENCE

**Android Developer Intern**, Blitz Jobs, Bengaluru, India

May 2021-June 2021

- Responsible for collaboration with cross functional teams to define, design, and ship new features, work with outside data sources and API's using **Flutter** and **Firebase**.
- Unit-test code for robustness, including edge cases, usability, and general reliability, work on bug fixing and improving application performance.

**Software Developer Intern**, Widhya, Mumbai, India

Jan 2021-Feb 2021

- Winternship 2021 Program is a 4-week Internship Program where one will be required to complete 4 gamified projects.
- Worked on 4 gamified projects using Front-End Stack and Bellman-Ford and Dijkstra's Algorithm.
  - Week 1: Customer Review Web App | **HTML**, **CSS**, and **Flask** (Front-End).
  - Week 2: Uber Shortest Path Computation (Applied DSA) | **Bellman-Ford** and **Dijkstra's Algorithm**.
  - Week 3: API Development using **Flask** | **Flask**, Backend Development.
  - Week 4: Create & Deploy a dynamic Website | **HTML**, **CSS**, **Bootstrap**, **Flask** and **SQLite**.

**Web Developer Intern**, Sigma Tenant, Mumbai, India

June 2020-July 2020

- Oversaw web platform testing, troubleshooting and user sampling prior to live deployment.
- Planned website development, converting mockups into usable web presence with **HTML**, **CSS** and **JavaScript** coding.
- Collaborated with Proprietor to determine organizational need, designing pages to meet demand.

## PROJECTS

**Fashapp** – Ecommerce mobile(cross platform) app

- Designed and engineered a cross-platform online shopping mobile application using **Flutter**. Implemented two different apps for client and admin for efficient use.
- Storage of passwords, social media login's, real-time data and images done using **Firebase**.
- Optimized** the app using the **provider package**(a state management technique that is used for managing a piece of data around the app). **Stripe** checkout integrated as the payment gateway.

**IMDB for books platform using Flask and SQLite**

- Programmed a IMDB for books platform by using **Flask** and **SQLite**. Allows **CRUD** based applications for admin, registered users can leave a comment and create a wishlist of their favorite books.
- Modeled **responsive** fronted for users, also hosted on **Heroku** for online access.

**Implementation and Detection of Breast Cancer using different Machine Learning Classification Algorithms**

- Implemented 7 algorithms (**Logistic Regression**, **KNN**, **SVM**, **Kernel SVM**, **Naive Bayes**, **Decision Tree Classification**, **Random Forest Classification**) with the aim of determining the best model for predicting if a tumor is benign or malignant, based on the features provided by the data.