

DEVANSH UPADHYAY

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TECHNICAL SKILLS

Languages: Python, JavaScript, Java
Web Development: HTML, CSS, Express.js, Node.js, Flask, Django
Database: MongoDB, MySQL
Technologies: Linux, Git, GitHub
Tools: Visual Studio Code, Jupyter Notebook, IntelliJ IDEA, Postman API

PROFESSIONAL EXPERIENCE

Red Fibre

April 2023 – August 2023

Full Stack Development Intern, Remote

- Interned at Red Fibre, a pioneering business transformation company renowned for its innovative web designs.
- Made substantial contributions to projects focused on bolstering digital trust: Applied machine learning to devise algorithms achieving an **91.6% accuracy** in fake news detection by rigorously assessing news articles for credibility.
- Took a leading role in developing a **Django-Based** Web App for Lab Inventory bookings, resulting in **30% faster** reservation processing and optimization of resource allocation.

WORK PROJECTS

Makerspace Cloud - Lab Inventory Management System | Python, Django, HTML, CSS

Jul. 2023 – Aug. 2023

- Led Django-based model customization, reducing booking time by **30 %**. Improved UI boosted engagement and **lowered errors by 15 %**
- Achieved **99.5 %** reservation accuracy, optimizing allocation for **25 %** efficiency gain and **20 %** increased capacity.

Fake News Detection | Python, Flask, HTML, CSS

Apr. 2023 – Jun. 2023

- Integrated a machine learning model with Flask back-end, enabling real-time classification of news articles, processing up to **100 articles per minute**
- Conducted efficient text extraction and classification for news articles. Trained a binary classifier using the scikit-learn library, achieving a classification accuracy of **91.6%**.

EDUCATION

Bharati Vidyapeeth Deemed To be University (BVDU)

2021 – Present

Bachelor of Technology (BTech) Computer Science and Business Systems, CGPA: 9.3 (3rd Year)

Navi Mumbai

Bharati Vidyapeeth Institute of Technology

2018 - 2021

Diploma in Computer Technology, Percentage: 88.74%

Navi Mumbai

SIDE PROJECTS





NewsPortal | Express JS, Node JS, REST APIs, Bootstrap

- Utilized JavaScript along with the **Axios** library, making the retrieval and display of news articles seamless and efficient.
- Chose **Express.js** as the server framework, enabling smooth routing and handling of HTTP requests. The front-end design was enhanced using **Bootstrap**, providing a responsive and visually appealing user interface.




RealTimeChat- a WebApp for seamlessly chat | Node.js, Express.js, Socket.IO

- Engineered a real-time chat app with **Socket.io** and **Express.js**, establishing bidirectional channels for instant message updates.
- Integrated **npm** modules and an **HTTP** server for robust server-side operations, elevating functionality and user engagement.

TECHNICAL CERTIFICATIONS

- Google - Crash Course on Python 
- University of Pennsylvania - Computational Thinking for Problem Solving 
- IBM - Introduction to Artificial Intelligence (AI) 
- Infosys Springboard - Programming Using Java 

EXTRA CURRICULAR ACTIVITY

- Authored a paper titled 'Chat Application for Students using Flutter and Dart', published in IJIRCCE in 2021 
- Technical Core Member(March 2022- July 2022) – Bharati Vidyapeeth University
- Technical Content Creator: Publishing Valuable Medium Articles on Various Tech Subjects 
- Google Cloud Security Challenge by Qwiklabs 
- Achieved 2nd Place in College Deadlift Competition (75-85 kg category)