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# HARSH DWIVEDI

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Full stack Developer

India, 452010

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Education

BS Computer Science may 2024

➤ [Email](#)

➤ [Github](#)

➤ [Portfolio website](#)

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*Full Stack Developer with experience in JS, Angular, Vue, React, Drupal ,php , Python, NumPy, SciPy, Scikit-learn. Im all about making cool stuff that works great. Ready to take on new challenges and push my coding limits!*

## SKILLS & COMPETENCIES

Client-Side :-

HTML5/ CSS/JS/PHP/Angular/React/ Vue / Redux / TypeScript /  
Backbone/Bootstrap

Server-side :-

Python/NumPy/SciPy/Scikit-  
learn/Keras/Elis/TensorFlow/MySQL/NodeJS/Redis/AWS/MongoDB/Spark/HTTP/2

Development & Operations :-

JUnit /NUnit/PyUnit/TestCafe/Mocha/Jest/Scrum/Agile/GIT/ Azure DevOps

## COURSES / CERTIFICATIONS

JavaScript: professional certificate by

Udemy

04/2023

Frontend Development certificate by

## Personal Projects

**Tune Finder :** Developed a python based music recommendation web-application ,which suggests songs based on user preferences and listening history . Inspired by Music Match app I use on daily basis .

**Technologies Used:** Python, pandas, Numpy, Scikit-learn, Spotify API

Implemented collaborative filtering and content –based filtering algorithms for accurate song recommendations.

Utilized spotify API to gather real-time music data , improving recommendation accuracy by 25%.

Pre-processed large dataset and implemented machine learning model using sci kit –learn, leading to 80% match accuracy.

**Ecommerce Website:** Developed a one to one clone Website of Amazon shopping site , including user Authentication, product listing, Shopping cart and payment integration .

**Technologies used:** React, Node.js, Express, Mongo DB

Implemented Restful APIs for dynamic product management .

Optimized front-end performance, reducing page load time by 30%

Integrated secure payment gateway using Stripe API.

**Spotify clone :** Developed a responsive web –based music streaming platform replicating spotifys core features such as playlists , song recommendations and real –time music playback.

**Technologies Used :** React, Node.js, Firebase, Spotify API, Redux Integrated spotify API for fetching song data and providing real-time playback functionality.

Implemented playlist creation and management using React and Redux for efficient state management . leveraged Firebase for user authentication and real-time updates ,enabling users to save playlist and favourite songs. Designed a responsive Ui for seamless use across device, improving users rentention by 20% .

**Social Media Platform :** Developed a full-stack social media platform replicating core functionalities of Facebook, including user authentication, posting , liking ,commenting and messages in real time .

**Technology Used:** Implemented real-time messaging ,using Firebase, enabling instant communication between users.

Designed and Developed a responsive UI and React , ensuring compatibility across multiple devices.

Implemented Redux for efficient state management across the application, improving performance and reducing code redundancy.

### **Freelance /Internship Project**

#### **Nblik pvt ltd**

Created a fully Fledge NFT marketplace for museum in Netherlands for Nblik

User can buy, sell, rent NFTs.

**Technologies Used:** Extensively worked with Solidity, Node.js and Tailwind CSS.