

# Siddhartha Varshney

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## EDUCATION

### Manipal University Jaipur

B.TECH. IN INFORMATION

TECHNOLOGY July 2024 | Jaipur, Rajasthan

CGPA: 8.46 / 10.0

### Navyug Convent

12TH CLASS BY PCM

July, 2020 | Delhi, India

CBSE Board School

Percentage: 85%

## LINKS

Github:// Siddhartha0706

LinkedIn:// Siddhartha0706

Leetcode:// Siddhartha0706

## COURSEWORK

Data Structures and Algorithms

Computer Networks

Object Oriented Programming

Database Management Systems

Linux Tools and Bash Scripting

Deep-Learning

## TECHNOLOGIES

### ADVANCED

•Java •Javascript

•FastAPI

•GIT •React.js

### INTERMEDIATE

•Node.js •Next.js

•Docker •Python

•AWS •Cypress

### BASIC

•Typescript •Kubernetes

•Power Bi

## CERTIFICATIONS

• Red Hat System Administration

• Developing Softskills and Personality

• Harness Internship

Completions

## EXPERIENCE

### HARNESS.io

| SOFTWARE Developer ENGINEER - II INTERN

July 2023 - Jan 2024 | Bangaluru, IN.

- Implemented automated testing procedures, reducing testing time by 20% and accelerating the software development lifecycle.
- Introduced and integrated various services, resulting in a 20% increase in product adoption rates by internal teams.
- Conducted release validation to ensure accurate and effective automated test cases, minimizing post-release issues by 30%.
- Utilized tools such as Java, Docker, Cypress, RestAssured, and TestNG

## PROJECTS

### Detection of Osteoarthritis Using Deep Learning

- Developed a hybrid deep learning model for the detection of osteoarthritis.
- Utilized Random Forest and CNN, HOG and CNN, and SVM and CNN models.
- Employed Python libraries such as Matplotlib for data visualization, OpenCV for image processing, NumPy for numerical operations, and TensorFlow for building and training neural networks.

### Med Alt(medicines checker and finding alternatives of medicines)

- Created a dynamic React.js application to streamline pharmaceutical shop operations.
- Implemented image-to-text extraction using Tesseract.js and enabled medicine availability checks with nearby stockist suggestions.
- Developed WhatsApp integration for pharmacists to send pre-formatted messages to stockists.

### Lyriks spotify

- Designed a sophisticated React.js application utilizing ShazamCore via RapidAPI.
- Implemented interactive card components with hover effects, play/pause buttons, and a music progress bar.
- Developed volume control features and recent song and top artist components. Crafted elegant CSS styling using Tailwind CSS and managed API requests with Axios..

### News Monkey

- Developed a comprehensive full stack news application for viewing and searching news articles.
- Utilized Axios to fetch data from a news API, ensuring real-time updates and access to a wide range of news sources.
- Implemented a user-friendly navigation bar to facilitate easy search of specific news topics.
- Added dark and light mode functionalities to enhance the overall user experience