Mehul Patni

📅 May 22, 1999

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About Me ———

I am highly organized and energetic college student seeking an entry-level position as a Software Engineer. I have good interpersonal skills, am an excellent team worker and very willing to learn and develop new skills.

Technical Skills ——

Languages: Python, C++, C, C#, Asp.Net, JAVA, PHP, JavaScript

Front-End: ReactJs, Angular, HTML, CSS, Bootstrap, AJAX

Back-End: NodeJs, PHP and Django

Design: Adobe Photoshop, Spark and Premiere Pro

Tools & Frameworks: GIT, Eclipse, Net Brains, Android Studio

Database: MongoDB and My SQL

Area Of Interest ——

Software Development
Data Analyst, Data Scientist
Full Stack Development
NLP Engineer

Working Experience

2020 Jun-Dec	**Research Intern**	TRDDC, Pune

1. Build a program that converts a given JSON file into a table using a smart data type detector which converts the data into its respective format.

2. Designed a transformation program using PROSE that identifies the operator between two integers, based upon the input-output example.

3. Developed an automatic data migration tool that transforms the data from the source format to the target format. This tool derives a transformation program for different classes of data, automatically using program synthesis techniques. It also shows those programs in graphical tree form. Moreover, it provides an option to validate the generated programs by running the test cases and displaying the results.

Education

2017 – 2021	**Indian Institute of Information Technology, Nagpur** Bachelors of Technology, Department - Computer Science	CGPA - 8.04
2017	**Mahaveer Public School** Senior Secondary (CBSE Board	Percentage - 81%
2015	**Mahaveer Public School** Secondary (CBSE)	CGPA - 8.6

Projects

Aug 2020 — Object detection using Tensorflow.Js
This project aims to detect ten categories of objects using a web application. This project uses a fashion minst dataset for the learning purpose, the user can upload or draw the picture of an item, and it will detect the object with 98.62% accuracy.

May 2020 — Chat Application
The project uses Socket.IO library so that users can join a room and start chatting with other members of the room. One of the prominent features is that it blocks all the message that contains abusive words.

Jan 2020 — Faculty Recruitment Portal
It is a web application to recruit faculties, staff members for colleges. One of the main features of this application is paperless recruitment. It generates a PDF combining all the information of the applicant and sends it to the recruitment committee.

MINI Projects
Weather Forecasting Website, BMXCrashLoop, Big Int Computation, Rain Man Problem and Memory Allocation Problem.

Certificates and MOOC

Sept 2020	DeepLearning.AI TensorFlow Developer	Professional Certificate
May 2020	Finding Hidden Messages in DNA	Certificate from Coursera
March 2020	Angular Development	Guvi
March 2019	Machine Learning Workshop	IIIT Nagpur

Extra-Curricular Activities and Awards

2019-20	Web-dev Team Head in Abhivyakti (College Fest)
2019	Selected to design Faculty Recruitment Portal for my college
2017-18	Academic Council Member and Class Coordinator
2017	AISSCE Subject Topper(Computer Science)