

HARDIK BACHHAN

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PROFILES

Personal: [hardikbachhan](#)

Github: [hardikbachhan](#)

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SKILLS

Languages:

Python, JavaScript

Libraries:

React, Mongoose

Framework:

Express.js

Others:

Node.js, MongoDB, SQL,
Bootstrap

EDUCATION

Maharaja Agrasen Institute
of Technology (MAIT)
2018-2022

- Computer Science and
Technology - 8.05 CGPA

Salwan Public School
2009 - 2017

CERTIFICATIONS

Python for Data Science

Jan, 2020 - April, 2020

- Certified Training in Data
Structures, Algorithms using
Python at Coding Elements.

PUBLICATIONS

Detection of Covid-19 Cases using X-Ray Images

Aug, 2021 - Dec, 2021

- Research Based Project
based on **CNN feature
extractions** published at
IJSREM.

PROJECTS

INOTEBOOK

Note taking app on the Cloud.

- **Frontend:** Implemented using Bootstrap and
React using Hooks (**useState**, **useEffect**, **useRef**,
useContext and **useHistory**).
- **Backend:** Implemented an **API** using Express.js
on Node.js. Authentication was done using **JWT**.
- **Database:** Implemented using **Mongoose** on
MongoDB. **CRUD** operations performed only
after user authentication.

NEWSMONKEY

A News App that can be used to grab quick daily
news

- **Frontend:** Implemented using **React** consisting of
useState, **useEffect** Hook and **fetch()** method for
requesting data from NewsAPI.
- Implemented **Infinite scroll** using **react-**
infinite-scroll-component npm package.

WATER QUALITY ASSESSMENT OF YAMUNA RIVER

Experiment to determine pH, amount of dissolved
oxygen, total solids, dissolved solids, total
hardness in various water samples collected from
Yamuna from 6 different locations in Delhi.

- **Result:** Yamuna River belongs to class E, as per
results obtained and previous experiments
carried out.

ACHIEVEMENTS

- Won First Prize in Clash of Theories
competition with over 40 participants at
SRCASW, DU on 4th October 2019.
- Won First Prize in Just a Minute (JAM)
competition with 20 participants at SRCASW,
DU on 4th October, 2019.