

MITHUN VERMA

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Education

Indraprastha Institute of Information Technology Delhi (IIIT-Delhi)

Jan. 2020 – June 2024

Bachelor of Technology in Computer Science

CGPA : 6.72

DR. RPS SCHOOL PRESIDENT ESTATE

May 2019

Higher Secondary Education (CBSE Board)

Percentage : 77

Technical Skills

Programming Languages: Python, Java, C++, HTML/CSS, JavaScript, TypeScript, R, Bash

Frontend: NextJS, ReactJS, Redux, TailwindCSS, Bootstrap, Django

Backend: NodeJS, ExpressJS

Database and Management: MongoDB, Firebase, SQL

Operating Systems and testing: Linux, Unix, Unit Testing

Other Tools and Technologies: Android studio, VScode , GitHub, AWS, Google cloud, Docker

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Operating Systems
- Database Management
- Advance Programming
- Machine Learning
- Distributed Systems

Experience

Microbiome Informatics Labs, IIIT Delhi

July 2023 – Jan 2024

Research Analyst

Delhi

- Contributed to a research project forecasting microbial colonization in human gut and oral microbiomes.
- Utilized advanced computational models and analyzed sequencing data to explore the interplay between diet, genetics, and environment.

Chegg, India

Jan 2023 – April 2023

TBS Expert in DSA

Remote

- I am an accomplished Textbook Solution Expert specializing in Data Structures and Algorithms (DSA) in Java.

Projects

Full Stack MERN Blog Website | ReactJS, NodeJS, Express, MongoDB : [LINK](#)

Feb 2024

- Developed a modern full stack blog website using MERN stack.
- ReactJS and Tailwind used to create a smooth and modern UI experience.
- Redux streamlines state management. Solid Backend by NodeJS, Express, and MongoDB for efficiency and scalability.

Next.js Google Clone | Next.js, TailwindCSS, Google search API: [LINK](#)

Jan 2024

- Utilize Next.js and Tailwind CSS for efficient development.
- Real-time up-to-date information with the Programmable Google Search API.
- Navigate through search results effortlessly with built-in pagination.

Music Player | ReactJS, Bootstrap, Spotify API : [LINK](#)

Dec 2023

- Developed a dynamic music player using ReactJS, seamlessly integrated with the Spotify API.
- Bootstrap used to create a smooth and modern UI experience.

Advanced Article Summarizer | Python, ML, NLP: [LINK](#)

Jan 2024

- Developed an Advanced News Article Summarizer - effortlessly distill any article's essence by pasting its URL.
- Delve into sentiments, explore keywords, and revolutionize your news consumption. Streamlined, efficient, and designed for the curious minds.

Leadership / Extracurricular

Mentorship scheme for Govt School Students

April 2021 - Feb 2022

Student Mentor

Govt. Of Delhi

- I was privileged to serve as a Student Mentor in the Delhi Government Mentorship Program.

Volunteer Program at NGO

April 2021 - Feb 2022

Support Associate

Bachpan Bachao Foundation

- It has been a fulfilling experience contributing to the personal and educational growth of underprivileged young minds.