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Hiralal Umesh Kumhar

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# EDUCATION

## Bachelor of Engineering - Information Technology

Atharva College of Engineering - Mumbai University • Mumbai, India • 2019 – 2023 • 8.81CGPA

## Grade 12

Esplanade High College & JR College of Commerce & Science • Kandivali, Mumbai • 2017-2019 • 83.54%

## Grade 10

Sir J.P. High School • Malad, Mumbai • 2017 • 90.60%

# EXPERIENCE

## YouGov Aug 2023 – Present, Hybrid

## *Survey Programmer*

## Created interactive, user-friendly surveys.

## Integrated surveys with databases for efficient data collection.

## Managed complex projects for high-profile clients.

## Developed custom scripts based on client needs.

## Ensured error-free survey logic through rigorous testing.

## The Peacock Solar Oct 2021 - Jan 2022, Remote

## *Web Developer Intern*

* Responsible for creating websites using Word Press, standard HTML and CSS practices and working closely with Web designers and programmers to produce the websites.

## The Muskurahat Foundation Oct 2021 - Jan2022, Remote

## *Fundraiser*

* Responsible for collection of funds for NGO.
* Communicated about the importance of funds.
* Marketing and outreach.

# PROJECTS

**Audio Room:**

June 2022 – August 2022

* Providing Online rooms for meetings and discussions.
* Facilities such as joining rooms, talking in rooms has been provided in this web application.
* Features such as OTP authentication is also provided.
* Tech used: HTML, CSS, JavaScript, WebRTC.
* Framework: ReactJS, NodeJS, ExpressJS

**Sorting Visualizer:**

June 2022 – April 2023

* Visualization illustrates how algorithms work in a graphical way.
* Aims to simplify and deepen the understanding of algorithms operation.
* Possibility of enriching the standard methods of teaching algorithms, with the help of algorithm visualization and animations.
* Tech used: HTML, CSS, JavaScript, Bootstrap4, ReactJS

# PUBLICATIONS

## IRJMETS – Sorting Visualizer | April - 2023

Published a comprehensive paper highlighting the implementation algorithm visualization and animations to simplify and enhance the understanding of algorithm operations, offering a graphical approach that enriches traditional teaching methods.

# SKILLS

* Technical Languages: C++, Python, JavaScript, HTML/CSS, SQL
* Coding Platforms: VS Code, Google Collab, Jupyter
* Soft Skills: Project and Time Management, Leadership, Communication
* Demonstrates strong problem-solving abilities, excels as a team player, and exhibits exceptional leadership skills
* Highly adaptable and open to embracing new challenges and learning opportunities.

# CERTIFICATIONS

## Mastering Data Structures and Algorithms using C and C++

Udemy • 2022

**Power BI Essential Training—(Pursuing) Accredited: NASBA**

LinkedIn Learning

# ACHIEVEMENTS

## Smart India Hackathon -2022(Finalist)- Translation Ally

* Supervised and coordinated team activities, including creating detailed project plans and ensuring smooth execution throughout the program.
* Strategized, organized, and successfully led the development and launch of the Translation Ally website.

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