Abhishek Uppe

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I want to enhance my skills and knowledge in Computer Science by continuous learning and contributing them to solve real-time problems, evolve in my career, and also explore more in my area of interest.

Academic Qualifications

Dalhousie University	**Halifax, Canada**
Masters in Applied Computer Science, Aggregate: ***Ongoing***	*Sep 2021 - current*
CVR College of Engineering (JNTUH)	**Hyderabad, India**
B.Tech, Computer Science and Engineering, Aggregate: ***82.4% (A+)***	*2014 - 2018*
Little Flower High School	**Hyderabad, India**
Higher Secondary (12th Grade), Aggregate: ***91.8%***	*2012 - 2014*

Projects

- **Pathfinding Visualizer (Javascript, ReactJS, Redux, Typescript, HTML5, CSS3)**
    - The purpose of this project is to help users easily Visualize and Understand Shortest Path Graph algorithms. Algorithms implemented are **A* , Dijkstra's , Breadth First Search.**
    - **Github**: https://github.com/uppeabhishek/pathfinding-visualizer/
    - **Demo URL**: https://uppeabhishek.github.io/pathfinding-visualizer/

- **Sorting Visualizer (Javascript, ReactJS, Redux, Typescript, HTML5, CSS3)**
    - The purpose of this project is to help users easily Visualize and Understand Sorting algorithms. Algorithms implemented are **Merge Sort , Quick Sort , Insertion Sort, Selection Sort, Bubble Sort.**
    - **Github**: https://github.com/uppeabhishek/sorting-visualizer/
    - **Demo URL**: https://uppeabhishek.github.io/sorting-visualizer/

- **Visual Cryptography Steganography (Python)**
    - Visual Cryptographic Steganography is the process of hiding encrypted text data inside images, video, audio. This is very useful when we need to send sensitive data. I have implemented this project using **Least Significant Bit** Algorithm and **MD5** Algorithm in python.
    - **Github**: https://github.com/uppeabhishek/visual-cryptography-steganography/

Skills

- **Programming:** C, Java, Python
- **Web Technologies:** HTML5, CSS3, Javascript, Typescript, ReactJS, Spring Boot, Django
- **Mobile Technologies:** ReactNative

Employment & Work Experience

- **IBI Group** **Hyderabad , India**
  *Full Stack Developer **(Javascript, React, Python, Django, HTML5, CSS3)**Feb 2018 - July 2021*
  - Worked as a lead developer on these projects
    - **SmartCity :** Web Application where various city-specific services for the municipalities are managed.
    - **CurbIQ :** Web Application where we can understand, manage, and optimise curbsides.
    - **Design System :** Styling Framework which is used in all User Interface Products of our company.

- **Accolite** **Hyderabad , India**
  *Web Developer Intern **(AngularJS, Spring Boot)*** *Dec 2017 - Feb 2018*
  - I worked here as a Web Developer Intern, was a part of the T-Mobile Team where I have worked on Angular JS and Spring Boot.

Areas of Interest

- Problem Solving using Data Structures and Algorithms
- Full Stack Web Development
- Mobile Application Development

Achievements

- I was the team lead for the project on Smart India Hackathon, where we solved challenging problems posed by Government of India in a three day Hackathon.
- I was selected, completed the course of Mission R&D, a non-profit organisation led by Microsoft, Adobe employees which makes students gain expertise in Computer Science Programming, and even received the completion of certificate.
- I was a member of the **Computer Society of India (CSI)** and created a coding club in the college where students do a lot of R&D to solve challenging problems.

Portfolio and Github

- My Portfolio URL: https://uppeabhishek.github.io/
- My Github URL: https://github.com/uppeabhishek/