

Abhishek Uppe

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

Academic Qualifications

- **CVR College of Engineering** **Hyderabad, India**
B.Tech, Computer Science and Engineering, Aggregate: **82.4%** 2014 - 2018
- **Little Flower High School** **Hyderabad, India**
Higher Secondary (12th Grade), Aggregate: **91.8%** 2012 - 2014
- **St. Joseph's School** **Hyderabad, India**
Secondary (10th Grade), Aggregate: **81.2%** 2011 - 2012

Test Scores

- **TOEFL:** 93 (Reading - 24, Listening - 22, Speaking - 25, Writing - 22)
- **GRE:** 305 (Quantitative Reasoning - 157, Verbal Reasoning - 148), AWA - 3.0

Projects

- **Pathfinding Visualizer**
 - 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**
 - 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**
 - 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 **AES** Algorithm in python.
 - **Github:** <https://github.com/uppeabhishek/visual-cryptography-steganography/>

Employment & Work Experience

- **IBI Group** **Hyderabad , India**
Full Stack Web Developer *Feb 2018 - present*
 - Worked as a lead developer on these projects
 - **SmartCity** : Web Application where various city-specific services for the municipalities are managed.
 - **CurblIQ** : 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 *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.

Skills

- **Programming:** C, Java, Python
- **Web Technologies:** HTML5, CSS3, Javascript, Typescript, React, Django
- **Databases:** MySQL, PostgreSQL, Firebase

Areas of Interest

- Problem Solving using Data Structures and Algorithms
- Web Development
- Image Processing
- Artificial intelligence and Machine learning

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/>