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, NS**
Masters of Applied Computer Science, Grade: **4.00/4.30**   *Sep 2021 - Dec 2022*

CVR College of Engineering (JNTUH)   **Hyderabad, India**
B.Tech, Computer Science and Engineering, Aggregate: **82.4%**   *2014 - 2018*

Employment & Work Experience

Oracle   **Kitchener, ON, Canada**
Software Developer Coop **(Java, React, MySQL)**   *Sep 2022 - Dec 2022*

- I work in the Oracle Netsuite in the ERP Inventory as a Full Stack Developer focusing on Java, React and MySQL.

IBI Group   **Hyderabad, India**
Software Developer **(React, Python, Django, Java, PostgreSQL)**   *July 2018 - July 2021*

- Worked as a lead developer on the following projects
  - **SmartCity :** Full Stack Software where various city-specific services for the municipalities such as CCTV Camera's, Virtual Machine Board are managed using various backend Services.
  - **CurbIQ :** Full Stack Software where the application can understand, manage, and optimise curbsides using various Map APIs in the backend and the frontend.
  - **Design System :** Styling Framework which is used in all User Interface Products of company.

Accolite   **Hyderabad, India**
Software Developer Intern **(AngularJS, Spring Boot, MySQL)**   *Dec 2017 - Feb 2018*

- I worked here as a Software Developer Intern, was a part of the T-Mobile Team where I have worked on Angular JS and Spring Boot.

Skills

- **Programming Languages:** Python3, Java
- **Full Stack Technologies:** HTML5, CSS3, Javascript, Typescript, React, NodeJS, SpringBoot, Django, Flask
- **Databases**: MySQL, PostgreSQL, MongoDB, AWS DynamoDB, Neo4J
- **Devops:** AWS, Docker
- **AWS Services**: AWS ElasticBeanstalk, AWS Lambda, AWS S3, AWS DynamoDB, AWS VPC, Amazon Translate, Amazon Textract, Simple Email Service (SES)

Portfolio and GitHub

- Portfolio URL: https://uppeabhishek.github.io/
- GitHub URL: http://github.com/uppeabhishek/

Projects

Dalhousie University Graduate Projects

- **Document Manager (React, NodeJS, DynamoDB, AWS S3)**
  - The project aims at creating a document manager where an user can upload, download documents, extract text from documents and translate the documents. All the functionalities use remote AWS DynamoDB and other AWS Services.
  - **Github**: https://github.com/uppeabhishek/CSCI5409-DOCSMANAGER
- **Code Clone Detection (Python)**
  - The purpose of this project is to find repeated or duplicated strings in any codebase using **Suffix Arrays** and algorithms **Barenbaum Algorithm , Beller Algorithm.**
  - **Github**: https://github.com/uppeabhishek/CSCI6057-CODECLONEDETECTION
- **Simple Database (Java)**
  - The project aims at replicating few SQL database features such as CRUD operations related to database, tables and replication database transactions using Java.
  - **Github**: https://github.com/uppeabhishek/CSCI5408-DATABASE

Personal 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 such as **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)**
  - The project aims at implementing algorithms for hiding encrypted text data inside images, video, audio for transmitting sensitive information using crytography algorithms.
  - **Github**: https://github.com/uppeabhishek/visual-cryptography-steganography/

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.