Abhishek Uppe

(902)-412-6806 ● uppeabhishek97@gmail.com
uppeabhishek.github.io

Professional Work Experience

Amazon   **Vancouver, BC, Canada**
Software Dev Engineer II (Java, AWS, Typescript)   *Nov 27, 2023 - Present*

- Currently Working as a Software Dev Engineer II on the following projects
  - **Ordering (PAPA):** Working in the PAPA (Pay Anywhere Pay Anytime) team that handles payment services for all Amazon Retail Orders. PAPA is responsible for ensuring the payment service works seamlessly for all Amazon Customers and also constantly improving the payment service architecture.
  - **Data Migration:** Working on a tool to migrate historical data related to Ordering in the range of **PetaBytes** from one database to another. The tool aims to migrate data concurrently at very high transactions per second to speed up the data migration.

ResMed   **Halifax, NS, Canada**
Software Engineer (NodeJS, Typescript, Java, AWS)   *Jan 2, 2023 - Nov 24, 2023*

- Worked as a Software Engineer on the following projects
  - **(Backstage) Developer Portal:** Worked on the Internal Developer Portal using Backstage that eases the management of MicroServices, Libraries, Pipelines and Automated Documentation.
  - **External Portal:** Worked on the External Portal that provides a centralized service for all the API's within the organization and relevant parties. Developers and Relevant Users can test the API's on the fly, and the portal also provides documentation for API's specifications. The project helped various stakeholders of ResMed to consume API's

IBI Group   **Hyderabad, Telangana, India**
*Software Developer **(Django, Java, AWS, React)***   *July 27, 2018 - July 30, 2021*

- Worked as a Software Developer on the following projects
  - **ITMS : Intelligent Integrated Traffic Management System**
    - ITMS is a platform developed that provides various city specific services such as CCTV Camera's, Virtual Machine Board currently being used in Hyderabad, Toronto with following features.
    - **Multitenant Application**: Worked in creating a multitenant application that works as a SaaS service using AWS Infrastrucuture.
    - **Performance Improvements:** Worked on optimising API's using inhouse GraphQL like application that reduced the applications performance load by **30 percent**.
    - **Migration of Legacy Application:** Worked on the migration of Legacy ITMS application improving **architecture and application performance with respect in the backend.**
  - **CurbIQ :**
    - CurbIQ is a platform that helps cities better understand curbsides by using visualizing, managing curbside regulations, and improving the productivity of underutilized curbside spaces.
    - **Architecture Design :** Worked on architecture design aiming at creating a **multitenant, multilingual distributed system**.
    - **Map Algorithms:** Worked on creating custom Map Algorithms required in specific use cases such as getting nearest curbsides on the roads using **API's on large data set**, filtering curbsides in a specific area in using **PostgreSQL Procedures**.
    - **Integrating Map API's Services:** Worked on Integrating various Map APIs such as DeckGL, KeplerGL for data analysis and visualization of **large data sets**.

Academic Qualifications

Dalhousie University   **Halifax, NS, Canada**
*Masters of Applied Computer Science, Grade: **4.00/4.30***   *Sep 2, 2021 - Dec 23, 2022*

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

Skills

- **Programming Languages:** Python3, Java
- **Full Stack Technologies:** HTML5, CSS3, Javascript, React, NodeJS, SpringBoot, Django
- **Databases**: MySQL, PostgreSQL, AWS DynamoDB
- **DevOps:** AWS, Docker

Portfolio, GitHub and Leetcode URLs

- Portfolio: https://uppeabhishek.github.io/
- GitHub: https://github.com/uppeabhishek/
- Leetcode: https://leetcode.com/uppeabhishek/