Ahmedabad, Gujarat
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ANUJ PATEL

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ABOUT

- I am looking for an opportunity where I can apply my skills and knowledge to achieve great results. I enjoy solving complex technical problems. I get things done. I always look forward to working with bright minds so that I can do these things even better.

WORK EXPERIENCE

Associate Software Engineer   **F(x) Data Labs**   **January 2019 - Present**

- H+Tree - H+Tree is a research-based project for a high-speed database. It is supposed to speed up the databases up to 300%, increasing the capacity of the data server up to 3 times compared to the existing B+ Tree. My responsibility is to handle development in C++, collaborate with team members to plan and develop according to the requirements, test, debug and benchmark various approaches to choose from, discuss and help team members with issues. Technologies used were C++ STL, Boost, C, CMake & GitHub.
- Palpebra Air - Object Detection in web-app - A web-app in which a user inputs videos/images and then the user can search objects in these videos/images by typing in the name of objects. The application will show the image or video (timestamp) containing the object. This web-app used TensorFlow, OpenCV, MySQL and Flask. My responsibility was to work on Flask integration with backend and Frontend UI.

LANGUAGE AND TECHNOLOGIES

- Programming Languages - C++, Python, Java (basic to advanced), C
- Operating System - Linux, Windows, Mac OS, Android
- Database - MySQL, MongoDB
- Frameworks and tools - Flask, Django, TensorFlow, Visual Studio Code, IntelliJ IDEs
- Others – JavaScript, HTML, CSS, PHP, GitHub

EDUCATION

August 2015 – June 2019

Ahmedabad, India   **L. D. College of Engineering**

- B.E. in Information Technology. CGPA: 8.14/10
- Main coursework: Data Structures, Design and analysis of Algorithms, Artificial Intelligence, Database Management Systems, Operating Systems, Software Engineering.

B.E. MAJOR PROJECT

- Calorie Intake Detection & Guide to Food – Insights of nutrients information - An Android application to find calorie information from food items by capturing an image. I contributed in android application development.

ACHIEVEMENTS AND RESPONSIBILITIES

- Calorie Intake Detection & Guide to Food Project was one of the 8 projects selected for final round out of 56 projects of final year students
- Qualified for scholarship and was among top 0.3% of about 1.25 lakh students that appeared for HSC - Science
- Volunteering in college events

LIFE SKILLS

- Problem solving, Creative thinking, Detail oriented, Communication skills, Rapid learning ability, Presentation skills, Critical thinking