B/205, Walchand Park, Bhayandar (West) - 401101   **+91 7498195078**

Dhruv Mehta

dhruvmehta1899@gmail.com

github.com/Dhruvmehta18   www.linkedin.com/in/dhruvmehta1899

EDUCATION

B.E   **Dwarkadas J. Sanghvi College of Engineering**   **2017 - present**
Major: Information Technology
Learning: Algorithms & Data Structures, Software Design, Python, Java, Infrastructure Security, Cloud Computing, Linux, SQL, relational Database, AI, Crptographic Algorithms,
CGPA: 7.25/10

12th (HSC)   **SVPV Junior College of Science and Commerce**   **2015 - 2017**
Learning: Problem Solving, Maths, Basic Computer Science, Critical Thinking
Percentage: 77.58%

10th (SSC)   **St. Xavier's High School**   **2014-2015**
Learning: Speaking, Learning, Socializing
Percentage: 83%

SOFTWARE PROJECTS

UrlMinify

- Developed an web application using Next.js and Express framework to make the URL short for easy sharing and copying.
- DynamoDB is use to store data of urls and the hash value because the schema is simple,no complex queries required and to improve read/write speed
- Incorporated cache storage using Memcache to store frequently access links to improve performance.
- Incorporated telemetry to track different matrix of users accessing URL using MongoDB.
- **Utilized**: Next.js, Node.js, Express.js, Memcache for cache storage, MongoDB, DynamoDB.

MovieWeb

- Developed an web application using Django as the framework to stream movies.
- Integrated firestore to store data of the movies and firebase storage to store the images of the movies.
- Incorporated automation of the video file that will get uploaded to AWS S3 as input file and using AWS lambda functions to initialize the conversion of MP4 files to the transcoded fragmented MPD files for better streaming in many devices using AWS MediaConvert and using CloudFront as the CDN distribution network for fastest delivery nearest to the user.
- Integrated OpenCV library to optimize image and make three thumbnails of the image for the optimized delivery of images to webpage.
- Implemented Web scrapper to get the data of various movies using Google search pages as the source.
- **Utilized:** Django, JavaScript, Firestore, Firebase storage.

TECHNICAL SKILLS

Software: (Working Knowledge) Python, JavaScript, Java, Git, SQL, Android, MongoDB, Kotlin
    (Basic Knowledge) C, C++
Technology: (Working Knowledge) Android Development, Web Development, Backend Development
    (Basic Knowledge): Azure Devops, Docker, Machine Learning, Deep Learning

INTERPERSONAL SKILLS

- Coordinating with team.
- Able to negotiate in a positive manner and handle problems proactively.
- Strong Logical solving problems.
- Solving Problems in a creative way.
- Ability to understand the viewpoint of team members.
- Ability to propagate my ideas to team members to solve problems that my team facing.

CERTIFICATION AND CHALLENGES

- Microsoft Cloud Build Challenge.
- Object Oriented Design (Certification)
- 5 star in SQL, Java in HackerRank
- 4 star in problem Solving in HackerRank