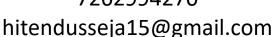
Hiten Dusseja 7262994270





Education

• B.E. in Computer Engineering

Thadomal Shahani Engineering College, Bandra. (CGPA: 9.30)

Nov 2022 - Present

Diploma in Computer Engineering

Vivekanand Education Society's Polytechnic, Chembur. (Passing Score: 92.69%)

Aug 2019 – Jul 2022

SSC

Jhulelal Trust School, Ulhasnagar. (Passing Score: 87.40%)

Jun 2007 - Mar2019

Internship Experience

Backend Developer Intern

Securetain (Remote)

July 2021-September 2021

PHP, Xampp and MySQL Boston, Texas, USA

- Engineered high-impact web applications leveraging PHP, driving substantial improvements in cybersecurity assessment protocols.
- Architected and fine-tuned two high-performance MySQL databases, optimizing data management and retrieval processes by enhancing efficiency and scalability.
- Spearheaded seamless cross-functional collaboration within a dynamic three-member team, ensuring timely project delivery and cohesive system integration.
- Developed and rolled out over 30 PHP-driven pages, significantly enhancing overall functionality, UX, and operational performance across multiple web platforms.
- Completion Certificate

Technologies and Languages

- Languages: C++ (proficient), Python, SQL, PHP
- Technologies and tools: MySQL, Git, Figma, Adobe XD, Django, Django Rest Framework, Postman
- Other: Data structures and algorithms, Database Design, Operating Systems.

Projects

• **DevGram** (Python, Django, HTML, CSS) | github

Engineered a web platform enabling developers to create and join specialized communities for engaging discussions on diverse topics. The platform boasts a robust and intuitive backend, supports profile picture uploads, and empowers users to seamlessly join or create communities.

BoomBox (Python, discord.py, FFMpeg, PRAW) | code

Designed and developed a feature-rich Discord bot offering seamless music playback (play, queue, skip, pause), efficient video downloading (MP4, MP3), and automated content retrieval from Reddit (memes, random thoughts), enhancing user interaction and entertainment.

Multilevel Dynamic Cache (C++) | github

Developed a multilevel dynamic cache system in C++ using LRU and LFU caching algorithms, optimizing data retrieval by promoting frequently accessed data across cache levels. Implemented efficient cache eviction policies and data promotion to improve system performance in a multi-tiered cache structure.

Text file Compressor (Python, JSON) | github

Developed a Python-based application that efficiently compresses and decompresses files using Huffman coding, significantly reducing file sizes while maintaining data integrity.

Examlingo (HTML, CSS, Javascript) | github

Built a comprehensive platform allowing users to register, sign in, and take exams across multiple subjects, with instant result generation. The platform features a robust UI, smooth question navigation, and offers the flexibility to save or print results as PDFs, ensuring an optimal user experience.

Extracurricular and Volunteering

NSS Volunteer, VESP NSS Committee

Organised camps, blood donation campaigns and awareness rallies regarding Covid-19

Interests and Hobbies

Martial Arts and Culinary Arts