

Hiten Dusseja
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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	
<ul style="list-style-type: none">• 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