

Dhananjay Desai

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EDUCATION

- 2022 - 2024** **California State University** **Los-Angeles, CA**
Master in Computer Science
Related Courses: Design & Analysis of Algorithms, Principles of Database Systems, Cryptography, and Information Security, Introduction to Operating Systems, Advanced Topics in Artificial Intelligence, Topics in Data Science.
- 2018 - 2022** **The University of Mumbai - Shah and Anchor Kutchhi Engineering College** **Mumbai, India**
Bachelor of Computer Science
Related Courses: Internet Programming, Data Mining, Data Structures, and Analysis, Operating Systems, Wireless Networks, Advanced Security Systems, Databases Systems and Applications, Software Engineering, and Cloud Services.

EXPERIENCE

- 2023 - Present** **California State University** **Los-Angeles, CA**
Student Assistant, Dean's Office
- Provide technical support, troubleshoot issues, and assist with hardware and software maintenance.
 - Collaborate with IT professionals, contribute to projects, and assist with training.
 - Led a process re-engineering initiative to optimize end-to-end service processes, streamlining communication across 10 departments and diminishing paperwork by 75%.
 - Demonstrate advanced proficiency in Microsoft Excel for data analysis, reporting, and creating efficient workflows to support departmental needs.
- 2020 - 2021** **MaxTech India** **Mumbai, India**
Web Developer Intern
- Developed a comprehensive application using HTML, CSS, JavaScript, and PHP, improved website rendering speed by 45%.
 - Contributed significantly to the development of a web portal and database, implemented functional and non-functional designs, and optimized database queries for increased performance.
 - Pioneered an automated unit testing framework in JavaScript, slashing bug reports by 40%. Created web forms and enabled back-end storage alongside user authentication and security.
 - Deployed the web application to production from staging and monitored application performance regularly.

ACHIEVEMENTS AND PROJECTS

- 2021 - 2022** **E-Voting using Blockchain Technology** **Mumbai, India**
- Engineered an e-voting platform with blockchain tech, identity verification, and smart contracts.
 - Revamped user experience, reducing voting time by 40% while achieving a 95% voter authentication rate.
 - Implemented a consensus-based system for secure and accurate blockchain transactions using Ethereum Gas.
- 2020 - 2021** **Published Research Papers and filed Copyrights** **Mumbai, India**
- Published two research papers in two international journals to depict findings as a part of a minor and a major project and filed a copyright during analysis for the latter.

SKILLS

Programming Languages:	Python, Java, JavaScript, C++, HTML, CSS, PHP
Development tools & framework:	GIT, Bootstrap, Node.js, WordPress, Visual Studio Code, Django, Flutter
Database Management Systems:	SQL, MongoDB
Other Skills:	Microsoft Office (Excel, Powerpoint, Word), Linux, Windows, AWS, Front-end, Teamwork

EXTRACURRICULAR

- Volunteered at Ram Nayan Kusum Foundation: Taught computer literacy, built computer lab and organized a fundraising campaign.
- Accenture Developer Program: Created a mobile app, worked on the web app and presented at the final showcase.
- Freelancing (Web Development, computer applications, Software Developer) for small start-up companies and digital marketing (creating Instagram posts, Logos, Video Editing).
- Volunteered in the logistics team of College Fest 2022 at Shah and Anchor Kutchhi Engineering College.