

DHANANJAY DESAI

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EDUCATION

California State University, Los Angeles California

August 2022 - May 2024

Master of Science - Computer Science

Coursework: Design & Analysis of Algorithms, Database Systems, Cryptography and Information Security, Advanced Topics in AI, Topics in Data Science, Machine Learning, Software Engineering, Software Architecture, Web Programming.

The University Of Mumbai, Mumbai India

August 2018 - May 2022

Bachelor of Engineering - Information Technology

Coursework: Internet Programming, Data Structures, and Analysis, Operating Systems (Windows/Linux), Wireless Networks, Internet of Things (IoT), Advanced Security Systems, Databases Systems, Applications and Cloud Services.

TECHNICAL SKILLS

Languages:Python, HTML ,CSS ,JavaScript (Node.js), TypeScript

Frontend Frameworks/Libraries:React, Vue.js, Bootstrap, Angular, Drupal

Backend Frameworks/Databases:Django, Firebase, MySQL, PostgreSQL

Other:WordPress, Docker, AWS Cloud (EC2, S3), GitHub, Adobe, MS Excel

WORK EXPERIENCE

Front-End Developer, CSULA. (Los Angeles,CA)

June 2023 - May 2024

- Optimized departmental workflows, reducing administrative overhead by 30% and increasing productivity by 20%.
- Improved web application security by identifying vulnerabilities and implementing secure coding practices.
- Revamped the university website front-end using JavaScript & Drupal, enhancing user engagement by 40% and reducing bounce rate by 25%.
- Created a comprehensive support system for professors, slashing resolution time by 80% and reaching 95% user satisfaction.

Web Developer, MaxTech India. (Mumbai, IN)

July 2020 – August 2020

- Enhanced web application performance by 45%, optimizing load times through front-end improvements.
 - Refined portal/database design, decreasing load times by 40%. <https://maxtechindia.com>
 - Established automated testing using JavaScript (JS), leading to 20% fewer bugs, secure forms and back-end storage.
 - Launched the web application and provided ongoing customer support including SEO/SMO services, logo design, corporate brochure creation, and performance/feedback monitoring.
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PROJECT WORK

Portfolio Website

February 2024

- Crafted a personal website using React.js and Vanta.js for 3D visualizations, showcasing projects and skills.
- Implemented custom animations and responsive design, improving user experience and accessibility.

Blog Web App

January 2024

- Developed a blog website with an intuitive UI, streamlining content creation, leading to a 30% efficiency gain.
- Added interactive features, resulting in rise in user engagement, including increased comments, social shares, and time on site.
- Achieved 30% faster page load speeds, by enhancing the user experience through performance optimization techniques.

Enhanced Automated Resume Screening System

September 2023 - November 2023

- Architected an AI-driven system, cutting screening time by 30% and boosting candidate shortlisting precision, significantly improving hiring efficiency.
- Integrated advanced NLP algorithms, enhancing skill matching accuracy by 25%, optimizing candidate evaluation processes.
- Leveraged Docker for streamlined project management and seamless deployment, ensuring consistent and scalable performance.

E-Voting Using Blockchain Technology

January 2021 - March 2022

- Developed a subtle blockchain based e-voting system with robust voting identity verification and smart contract integration.
 - Optimized e-voting platform user interface, reducing voting time by 40% to boost voter participation.
 - Secured voting with consensus-based blockchain transactions through Meta Mask Wallet using Test Ethereum Gas.
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Certificates & Volunteering

- AWS Certified Cloud Practitioner, AWS Solution Architect Virtual Internship & Accenture Developer Virtual Internship.
- Volunteered at NGO as a software developer & consultant educating people & children about new technologies & software.
- 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.