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EDUCATION

Master of Science in Computer Science   **California State University, Los-Angeles**   **August 2022 - May 2024**

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

Bachelor of Engineering in Information Technology   **University of Mumbai, India**   **August 2018 - May 2022**

Related Courses - 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.

SKILLS

- Languages   -   Python, HTML5/CSS3, JavaScript (Node.js), React
- Programs/ Services   -   Django, Bootstrap, Adobe, MS Excel
- Database / Web Development   -   MySQL, Firebase, WordPress
- Web-Based Tools   -   Docker, AWS Cloud, GitHub

PROFESSIONAL EXPERIENCE

IT Support Analyst   **California State University, Los-Angeles**   **June 2023 - Present**

- Elevated departmental proficiency in Adobe & Excel by 90% through collaborative projects and training sessions with IT faculty, demonstrating acclimatizing in a fast-paced environment.
- Delivered exceptional user support, resolving 95% of software/hardware issues within a day, resulting in a streamlined user experience for a customer-focused environment.
- Spearheaded a process re-engineering initiative that optimized communication across 10 departments, reducing paperwork by 75% and automating workflows, achieving a 15% cost reduction showcasing strong collaboration and scalability skills.
- Implemented secure coding practices, including access controls, preventing security vulnerabilities throughout the Software Development Lifecycle (SDLC) which contributed to the secure launch of the Pepper Robot project.

Frontend Web Developer Intern   **MaxTech India, Mumbai**   **July 2020 - August 2020**

- Increased web application performance by 45%, reducing load times for https://maxtechindia.com (HTML/CSS/JS/PHP) through UI/UX and front-end optimizations.
- Enhanced portal/database design, achieving a 40% improvement in load times.
- Established automated testing using JavaScript (JS), leading to fewer bugs, secure forms and back-end storage.
- Successfully launched the web application and provided ongoing customer support. This included SEO/SMO services, logo design, corporate brochure creation, and performance/feedback monitoring.

PROJECT EXPERIENCE

Blog Web App   **React, Firebase, Html, CSS**   **January 2024**

- Developed a blog website (React/Firebase) with intuitive UI (HTML/CSS/JS), reducing bounce rate & streamlining content creation (custom CMS - React) for a 30% efficiency gain.
- Boosted blog website with interactive features, driving a 25% rise in user engagement (comments, social shares, time on site).
- Achieved 30% faster page load speeds for a custom blog website through performance optimization techniques, resulting in an improved user experience.

Natural Language Processing Disaster Tweets   **NLP, Python, Deep Learning**   **April 2022 - May 2022**

- Led the successful deployment of an NLP model (word embeddings / sentiment analysis) achieving 60% accuracy in classifying disaster tweets, enabling faster crisis response, and demonstrating proficiency in machine learning and deep learning techniques.
- Drove in-depth data exploration, guiding feature engineering for refined model accuracy and performance, showcasing expertise in data analysis and statistical analysis.
- Designed a novel deep learning architecture, increasing disaster tweet classification accuracy by 35%. This showcases creativity and ability to craft efficient machine learning algorithms.
- Leveraged Python and SQL to manipulate and analyze large datasets, and deployed machine learning models into production environments, showcasing technical skills in model deployment and data-driven decision-making.

E-Voting Using Blockchain Technology   **Blockchain, Smart-Contracts, Django**   **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 MetaMask Wallet using Test Ethereum Gas.

CERTIFICATION & VOLUNTEER

- **AWS Certified Cloud Practitioner**, AWS Solution Architect Virtual Internship & Accenture Developer Program Virtual Internship.
- Volunteered at NGO as a **software developer & consultant** educating people & children about new technologies & software.
- Published 2 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.