

HARSH MODI

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EDUCATION

Master of Science in Computer Science

University of Southern California, Los Angeles, California

Exp. Dec 2022

Bachelor of Engineering in Computer Science

Ramdeobaba College of Engineering and Management, Nagpur, India

May 2019

SKILLS

- Programming Languages: Java, C
 - Web Technologies: HTML5, CSS3, Bootstrap, JavaScript, Django, jQuery, AJAX, ReactJS, AWS EC2
 - Database: SQL, SQLite, PL/SQL
 - Tools and Applications: Oracle EBS Suite, Android Studio
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PROFESSIONAL EXPERIENCE

Full Stack Web Developer - Sabertooth Technologies, Nagpur, India

Sep 2019-May 2020

Technologies - HTML5, CSS3, Bootstrap, JavaScript, AJAX, ReactJS, Python, Django, JS Libraries (particle.js, amCharts.js), AWS EC2

- Developed company website and helped attract 5 new clients within the first month (sabertoothtech.in)
- Designed and developed frontend for a College Management System (CMS) web application product
- Collaborated with development team of a client to build requirements for ERP system using JavaScript

Information Technology Intern - GE Appliances, Bangalore, India

Jan 2019-Jun 2019

Technologies - SQL, Oracle APCC, Oracle ASCP, Oracle Demantra, JIRA, Service Now, Git

- Managed and analyzed Value Chain Planning cycle and ensured SLAs are met
 - Performed monitoring enhancements using SQL that reduced 14 false alerts/week saving 5 man-hours hrs/week
 - Performed Performance Testing and Regression Testing as a part of the VCP Application Platform Upgrade
 - Built new SOPs which increased the efficiency of the team and reduced the time spent doing manual work by 15%
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PROJECTS

AlumNextDoor - HTML5, CSS3, Bootstrap4, JavaScript, Django, Python - alumnextdoor.com

- Co-Founded and built a web platform aiming at helping applicants of MS and MBA programs by connecting them to alumni from their dream schools
- Successfully onboarded 60+ alumni from top-ranked schools working in top MNCs

Stock Market Evaluator - Alpha Vantage API, amCharts.js, HTML5, CSS3, Bootstrap4, JavaScript, Tableau - everythingstnp.com

- Built a web tool that shows stock related stats for the S&P 500 companies in stock market
- Alpha Vantage API was used to fetch stats and populate them into tables and graphs for a particular company

Event and Task Manager - HTML5, CSS3, Bootstrap4, JavaScript, Django, Python - dailytaskmanager.herokuapp.com

- Created a web application to maintain a list of TODOs, reminders, and events based on due dates and priority
- Incorporated Voice-To-Text feature to add new items to list

MedPharm - Java, SQL, XML, Google Firebase, Android Studio

- Built an android app to link doctor, patient, and pharmacy
- Doctor can create/send a digital prescription, patients can find nearest pharmacy with prescribed medicines available
- Users are given access to various health-related articles and generic drug alternatives for prescribed medicines

Facial Analysis and Classification Expert - MATLAB, SVM Classifier

- Developed software that classifies humans into two categories – ‘Adults’ and ‘Minors’ to provide controlled access to content based on age of person for security and surveillance
- Facial features (distance between eyes, nose, and mouth) and SVM classifier used for classification
- If classification category ‘Adult’ – Access Granted else if classification category ‘Minor’ – Password Prompt to gain access

Wikipedia Donation Calculator - HTML5, CSS3, Bootstrap4, JavaScript, Google Analytics - fair-donation.com

- Built a tool that calculates how much to donate to Wikipedia for the free information available on it based on user habits