Harsha Vardhan Charagondla

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EDUCATION

University of Southern California, Los Angeles, USA   Exp-May 2023
Master of Science, Computer Science
Courses: Analysis of Algorithms, Database Systems, Web Technologies, Machine Learning

CMR College of Engineering & Technology, Hyderabad, India   Aug 2016-Sep 2020
Bachelor of Technology, Computer Science & Engineering   GPA: 3.8/4.0

TECHNICAL SKILLS

- **Programming Languages:**   Python, C++, Java, C
- **Database Technologies:**   SQL, Oracle, MongoDB, Postgres
- **Web Technologies:**   HTML, CSS, JavaScript, ReactJS
- **Tools:**   NumPy, Pandas, Matplotlib
- **Version Control / Others:**   SVN, Git, Bash, JSON, XML, NodeJs

WORK EXPERIENCE

Netcracker Technology, Hyderabad, India   Nov 2020-Jul 2021
Junior Software Engineer

- Worked as a **Junior Developer** in multinational telecommunications projects like Ooredoo and British Telecom.
- Collaborated with the ICE (International Centre of Expertise) custom team to provide defect path resolutions for high priority issues.
- Implemented and deployed change requests and code enhancements to the existing solutions.

ACADEMIC PROJECTS

Feature Detection through Energy Audits   Jan 2020-Apr 2020

- Calculated and performed extensive analysis to enhance the way appliances consume energy and achieve energy conservation.
- Trained machine learning models like KNN, Naïve Bayes Classifier and Decision Trees.
- Generated Classification reports and Confusion matrix for accuracy.

Result Analysis and Prediction   Aug 2019-Oct 2019

- Performed result analysis of students data to improve students performance and to produce a detailed report using report lab tools.
- Trained and obtained results using a Multivariate regression model.

Blood Mobi   Sept 2018-Oct 2018

- Lead a team of five people to plan and execute the project.
- Created an android application that connects blood donors and receivers in a particular location.

ACTIVITIES

Student Coordinator, CMRCET, Hyderabad, India   Jan 2019-Nov 2019

- Conducted training sessions related to coding for juniors through coding club.
- Scheduled sessions every weekend so that they can discuss with their fellow peers.
- Helped juniors a lot in raising their coding standards.

Student Organizer, Azura fest, CMRCET, Hyderabad, India   Dec 2018

- Organized and managed a technical event in the college fest.
- Prepared and conducted multiple levels of coding tests.
- Presented goodies to the top 3 winners and other stuff for all the participants as a token of participation and encouragement.