HARSHITHA DIDDI

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EDUCATION

- **BVRIT HYDERABAD College Of Engineering for Women** 06/2018 - 07/2022
Bachelor of Technology | Information Technology
CGPA - 8.38
- **Sri Chaitanya Junior Kalasala** 06/2016 - 05/2018
Intermediate
Percentage - 98%
- **D.A.V Public School** 06/2009 - 03/2016
Board - CBSE
CGPA - 10

RESEARCH INTERESTS

Programming Languages, Full stack Development, Machine Learning, Data Science

WORK / INTERNSHIP EXPERIENCE

- **DELL Technologies** 06/2021 - 08/2021
Undergraduate Intern, Hyderabad

  ➤ Worked on developing a component of **Search engine** with **Microservice Architecture** using **ReactJs**, designed as per Dell design Standards and integrated with backend APIs (**Elastic Search**) for Dell Web Application **GAMA** (Global Account Management and Assignment). GAMA is a global tool to search and manage sales account data that includes sales account transfers, request updates and creation of new account records.

- **DELL Technologies** 02/2022 - 05/2022
Undergraduate Intern, Hyderabad

  ➤ Worked on automation for **Incident Remediation**, **forecasted failure instances** for the next day and **dates** on which failure may occur using **ML and Python**.
  ➤ **Acquired data** from various sources, **built models** using ML algorithms, **performed analysis** to identify patterns for meaningful insights, **predicted data** with the best model(Xgboost) and **provided** the data for proactive action.

- **Chegg Inc.** 05/2021 - 07/2022
Chegg Expert, Remote

  ➤ **Resolved academic questions** from students in Computer science Subjects.
  ➤ **Assisted students** with step-by-step explanations and solutions to complex problems.

- **F5 Networks** 08/2022 - Present

Software Engineer I, Hyderabad

- ➤ Collaborate with BIG IP team to proficiently **manage Load Balancer traffic** and troubleshoot issues using **C++, Linux, Docker and Kubernetes** technologies.
- ➤ Play a key role in **developing various features** for F5-supported products, improving communication and resource management for enhanced functionality.
- ➤ Work on ensuring **High Availability** for customers across various devices and contribute to the implementation of **SNMP support** for products to enhance **network management and monitoring** capabilities.
- ➤ **Address and resolve** issues across multiple products, aligning them with user expectations through a comprehensive understanding of user needs and product functionality

ACADEMIC PROJECTS

- ❖ **RUSSELL**: 03/2020 - 08/2020

    Recreated Python **CSVKIT** library using **Rust** programming language that enables efficient analysis of extensive data using **CLI** commands. Project Portfolio link - **https://portfolios.talentsprint.com/~russell/index.html**.

- ❖ **MASK-UP**: 05/2021 - 05/2021

    Developed a **ML Web Application** that detects individuals without masks within an organization/institution, identifies the person and sends SMS notifications, urging them to wear a mask. Utilized **OpenCV, Convolutional Neural Networks (CNN), image classification, Flask and Python**.

- ❖ **RELEVENT**: 06/2020 - 07/2020

    Developed an **event management application** that enables users to create and book events while offering online service booking for event organization. It provides professionals with the opportunity to expand their services. Developed this **Single Page Application** using **Angular, Java, mysql, and Hibernate technologies**.

- ❖ **FLICK-HUB**: 07/2019 - 07/2019

    Developed a **Django web application** for movie ticket booking, offering features akin to the popular BookMyShow platform, along with a unique payment-on-arrival option. Involved the use of **Django, JavaScript, Jinja 2.0, and MySQL** technologies. Achieved a **top 5** ranking out of 20 competing teams.

AWARDS & ACHIEVEMENTS

- ➔ Achieved **139th rank out of 762** teams worldwide in the **WiDS Datathon** (January 2021, Kaggle), focusing on **Diabetes Mellitus Diagnosis prediction** using **eICU-CRD Dataset**.
- ➔ Achieved **1st runner-up** in the **24-hour Hackathon** focused on "**Building Chatbots using IBM Watson**" held from March 8th to 10th, 2019, at our college. The event was organized by SMART BRIDGE in collaboration with IBM, where we designed a chatbot to enhance user access to technology meetups, bootcamps, hackathons, and various events.

➔ Recognized as the topper for achieving in the **top 5%** of certified candidates in the NPTEL Exam of "**Problem Solving through Programming in C**" and awarded with "**ELITE Silver**".

SKILLS

o **Programming Languages known :** Java, Python, C++, C, Rust, Haskell, Clojure

o **Web Technologies known :** HTML, CSS, Bootstrap, JavaScript, Typescript

o **Frameworks known :**, React, Angular, Django

o **Database knowledge :** mysql, DBMS

o **Application Software known :** Eclipse, Apache Tomcat, Anaconda

o **Operating Systems :**, macOS, Linux (Ubuntu, Debian), Microsoft Windows

o **Machine Learning, Data Science, Dockers, Kubernetes, Shell Scripting**

o **Leadership, Time management, good Communication skills**

CERTIFICATIONS

- Certified for **participation** in '**Internal Hackathon for Smart India Hackathon, 2020**'
- Appreciated for creating an **open source project** related to CSVKIT (RUSSELL) in **Rust**
- Certified for **mentoring** in "**FOCUS Group**" for juniors in their placements
- Certificate of **Appreciation** in **WISE-Code Contest in professional C programming**
- Certificate of **Appreciation** in **DJANGO Web Application Project work** and selected in top 5
- Certified with merit and participation in **FlipKart Grid 2.0 Contest**
- Certified for **CEFR- B1 Business English Preliminary** at Level by **Cambridge**.
- Certified as **Qualifier Participant** in "**Master Orator Championship**"
- Certified for completing courses in **GirlsScript.Tech by Education Outreach Program, COURSERA and Oracle**
- Certified for Completing **Cloud Engineering Track** in 30 Days of **Google Cloud** Program 2021
- Certified for presenting a **seminar** on "**Hybrid Data Management Process by IBM**" on **Innovation day**
- Certified for **"Asian Book Of Record"** for participating in the largest health peer counseling session for Women
- Participated in various **workshops, seminars, technical events, code contests**.
- Certified for various **code contests** and **quizzes** conducted in different technical fests.