

Yeswanth Surya Srikar Nuchu

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EDUCATION EXPERIENCE

The University of Texas at Dallas

Master of Science, Computer Science

May 2023

GPA 3.93

Jawaharlal Nehru Technological University, Kakinada

Bachelor of Science, Computer Science

April 2018

GPA 9.2

TECHNICAL SKILLS

C, CPP, Java, Spring boot, SQL / NoSQL, Python, HTML, CSS, JS, React JS, Express JS, Data Structures, Algorithms

PROFESSIONAL EXPERIENCE

The University of Texas at Dallas, Dallas, TX

SEP 2022 – present

CSMC web developer – part time (on campus job)

Reputation, India

FEB 2020 – DEC 2022

Software Engineer – full time

- Revamped a legacy project named R4E-Integrator and designed, developed a new product named Rep Connect which is a complete self-service product.
- In this project, I developed integrations with various end-points like SFTP, REST, SOAP, and other systems like Salesforce, Yardi, Sitelink, CDK and so on using Java framework Spring boot.

O. C. Tanner, India

JAN 2019 – JAN 2020

Associate Software Engineer – full time

- Main Project - With my technical and leadership skills, I got an On-site offer to visit Australia for explaining the deep analysis of vulnerabilities in the project and convinced the management to migrate from a legacy product to a new product which I was involved in designing and developing the back end.
- Research Project - Next-Generation Analytics, continuously track and improve employee recognition program with clear, compelling, real-time data. I am the team lead for this project, and we build this from scratch using Java and R.

Keka HR, India

APR 2018 – JAN 2019

Trainee Software Engineer – full time

Indian Institute of Technology Madras, India

MAY 2017 – JUL 2017

Research Intern – Internship

PROJECT EXPERIENCE

Assess-io, startup – <http://assess-io.com>

MAY 2021 – Present

- Designed to give students and teachers a robust and intelligent system to conduct online assessment exams. I designed this to enhance my skills in design and architecture.

Charge the Missing Data with Synthesized Data by Using SN-Sync Technique, research project MAY 2020 – APR 2021

- This work aims to introduce a new method named SN-Sync for charging the missing data, analyze the machine learning algorithm, and compare the efficiency with some traditional techniques.
- Accepted by ACM and Springer, research paper link - https://doi.org/10.1007/978-981-16-7088-6_13

A Novel Approach to Store an Image in QR Code, research project

DEC 2017 – APR 2018

- Introduced a very simple form of lossless data compression (SN-6), in which runs of data is divided in to blocks of equal size. Entire block is stored as a character rather than original run.
- Accepted by Scopus journal, research paper link - <https://turcomat.org/index.php/turkbilmat/article/view/9805>