Yeswanth Surya Srikar Nuchu

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EDUCATION EXPERIENCE

The University of Texas at Dallas   May 2023
Master of Science, Computer Science   **GPA 3.96**

Jawaharlal Nehru Technological University, Kakinada   April 2018
Bachelor of Science, Computer Science   **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
- Converted a monolithic application to a distributed system, in which each system uses Java multithreading and increased the importing speed of client data by 70%.
- 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