

# Yeswanth Surya Srikar Nuchu

Dallas, Texas, 75248; +19727405578; yeswanthsuryasrikar.nuchu@gmail.com  
<https://www.linkedin.com/in/suryanuchu/>; <https://suryanuchu.github.io/portfolio/>

## EDUCATION

**The University of Texas at Dallas**

*Master of Science, Computer Science*

Jan 2022- May 2023

**GPA 3.96/4**

**Jawaharlal Nehru Technological University, Kakinada**

*Bachelor of Science, Computer Science*

May 2014 - April 2018

**GPA 9.2/10**

## TECHNICAL SKILLS

Java, Spring boot, Microservices, gRPC, RabbitMQ, Redis, Docker, SQL / NoSQL, JPA, OOAD, Design patterns, React JS

## PROFESSIONAL EXPERIENCE

**The University of Texas at Dallas, Dallas, TX**

*CSMC web developer – part time (on campus job)*

SEP 2022 – present

**Reputation, India**

*Software Engineer – full time -- Java, Spring boot, gRPC, RabbitMQ, Microservices, Redis*

FEB 2020 – DEC 2022

- 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**

*Associate Software Engineer – full time -- Java, Spring boot, RabbitMQ, Microservices, Redis*

JAN 2019 – JAN 2020

- 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**

*Trainee Software Engineer – full time*

APR 2018 – JAN 2019

**Indian Institute of Technology Madras, India**

*Research Intern – Internship*

MAY 2017 – JUL 2017

## PROJECTS

**Assess-io**, Assessment tool – <https://github.com/SuryaNuchu/assess-io-BE> -- React JS, Express JS, MongoDB, NodeJS

JAN 2022 – Present

**E-Plan**, Project Management tool - <https://github.com/SuryaNuchu/e-plan> -- Java, Spring Boot, NodeJS, ReactJS

AUG 2022 – DEC 2022

**Image Classification with Artificial Neural Networks** – <https://github.com/SuryaNuchu/ML-ANN> – ML, Python, ANN

JUN 2022 – AUG 2022

**Event management system** - <https://github.com/SuryaNuchu/Event-management-system> - Java, Spring boot, MySQL

JUN 2022 – AUG 2022

## RESEARCH PAPERS

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

- Accepted by ACM and Springer, research paper link - [https://doi.org/10.1007/978-981-16-7088-6\\_13](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

- Accepted by Scopus journal, research paper link - <https://turcomat.org/index.php/turkbilmat/article/view/9805>