

Yeswanth Surya Srikar Nuchu

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<https://www.linkedin.com/in/suryanuchu/>; <https://suryanuchu.github.io/portfolio/>

EDUCATION

The University of Texas at Dallas

Master of Science, Computer Science

May 2023

GPA 3.96

Jawaharlal Nehru Technological University, Kakinada

Bachelor of Science, Computer Science

April 2018

GPA 9.2

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

SEP 2022 – present

CSMC web developer – part time (on campus job)

Reputation, India

FEB 2020 – DEC 2022

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

- 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 -- Java, Spring boot, RabbitMQ, Microservices, Redis

- 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

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

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>