

JNS SREE NITYA YERRAMALLU

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Education

New Jersey Institute of Technology

September 2021 – Present

Masters of Science in Information Systems (GPA: 4.0)

Newark, New Jersey

- Related coursework: Project Management, Project Control, Enterprise Database Management, Web Systems development, Advanced system analysis and design, Data Analytics for Information Systems.
- Elected as the Vice President of Academic Affairs, Graduate student Association.
- Working as a **Software Professional** in New Jersey Innovation Institute.

Experience

ValueLabs

May 2019 – August 2021

Senior Software Engineer

Hyderabad, Telangana, India

- Worked in collaboration with various scrum teams for migrating legacy applications to optimized Spring Boot applications which improved the performance by 30%.
- Dual booted 30+ modules with Oracle, PostgreSQL databases and monitored the deployment process.
- Developed new features using Spring boot along with unit test cases and end-to-end integration testing which makes the user experience better.
- Maintained clear documentation that provides explicit details about the features developed and to-be developed along with the code architecture.
- Led a project consisting of 3 developers to develop RRF Template as a web application for tracking, mapping, and hiring comrades for a particular project.

Amazon

February 2018 – June 2018

Project Mentee

Hyderabad, Telangana, India

- Created 2 major features namely: UI of Amazon-pay payment integration and back-end of the shopping cart, for a peer-to-peer selling of new or previously owned products, using Spring MVC and Hibernate frameworks.

Applied Syntax

September 2018 – January 2019

Software Development Intern

Hyderabad, Telangana, India

- Gave presentations on latest tech - RPA, Blockchain.
- Managed a re-engineering project to improve and consolidate end-to-end service processes by gathering the business requirements and market research.
- Programmed a Collaborative Recommendation System, successfully deploying it for a shopping application that enhanced the user experience which lead to an increase in sales by 15%.

Projects

Library Management System | *Spring Boot, PostgreSQL*

June 2019

- Designed and developed a web application to improve the manageability of the records of book collection and students collecting those books.
- Implemented unit and integrated test cases using Mockito and JUnit frameworks.

Private Blockchain | *NodeJS*

June 2020

- Constructed a private Blockchain from scratch that creates new blocks, stores data in the blocks and secures all blocks with a digital signature using a one-way hash.

Technical Skills

Languages: Java, Python, PostgreSQL, Microsoft SQL Server

Developer Tools: VS Code, IntelliJ, Docker

Technologies/Frameworks/ Methodologies: Blockchain, Spring, Maven, Jenkins, GitHub, JUnit, Mockito, Jira, RESTful web services, Test-driven development

Certifications

Blockchain Developer Nanodegree Program | *Udacity*

June 2021

- Worked with Bitcoin and Ethereum protocols and built Ethereum smart contracts.

BEC B2 Business Vantage | *Cambridge English Language Assessment*

March 2016