

Gopi Krishna Manchukonda

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<https://manchukonda9.github.io/myportfolio/>

EDUCATION

Northeastern University, Boston, MA

Expected: May 2021

Master's in Information Systems

Relevant Courses: Application Engineering Development, Web Design and User Experience, Web Development Tools, Program Structures & Algorithms.

Koneru Lakshmiah University, Vijayawada, India

June 2017

Bachelor of Technology Electronics and Communications

Relevant Courses: Object Oriented Programming using C++, Data Structures, Fundamentals of Data Base

TECHNICAL SKILLS

Programming languages: C++, Java, Python, C, C#, Shell Scripting

Web technologies: JavaScript, JQuery, HTML, CSS, React, Angular 7, Node.js, Bootstrap, Sass, Spring MVC, Hibernate.

Software: Visual Studio 2012, NetBeans, Git, Eclipse.

Database: Microsoft SQL Server, Oracle 10g, MongoDB.

WORK EXPERIENCE

Infosys Ltd, Hyderabad, India

July 2018 - July 2019

Senior Systems Engineer

- Developed core logic for 'Loan Cycle Processing' feature by following corporate guidelines for one of the world's largest financial companies involving in all phases of SDLC
- Redesigned architecture to transform a web app written in GWT into a responsive app using React.js and RESTful APIs resulting in a richer UI and 5X performance improvement over existing application
- Worked on inbound and outbound REST API customizations for Account Inquiry
- Volunteered to conduct Knowledge Transfer sessions and train team on FINACLE (tool by Infosys)

Systems Engineer

July 2017 - July 2018

- Designed and developed features to assess employees' effective performance for Human Resources using test driven development while solving issues and bugs
- Synchronized extensively with UX team for developing UI components which are clean, efficient and intuitive
- Collaborated with Human Resources to analyse requirements and to define timelines and dependencies
- Contributed in developing features for core banking projects like FINACLE which are now being leveraged by firm

System Engineer Trainee, Mysore, India

Jan 2017 – May 2017

Software Engineering Intern

- Developed a replica of electronic wallet application called JWallet where user has features like Mobile bill payments, Cable subscriptions, change existing plans and transactions details of user
- Established communication between data base layer and Java application layer with JDBC.

ACADEMIC PROJECTS

NU Thrift Store

Sep. 2019 – Dec 2019

- Designed and developed a responsive E-commerce web application for Northeastern students which allows users to browse, buy and sell products
- Incorporated React in the frontend along with MongoDB to store the data, NodeJS as the server and also supports number of users to access simultaneously

Organ Donation Management System

Sep. 2019 – Dec 2019

- Designed and developed java swing application for Organ Bank Supply Chain System which is highly scalable
- Implemented modules to keep track of all the new donors, raise a request for a required organ, patients, doctors and lab tests

The Social Nexus

Sep. 2019 – Dec 2019

- Devised a social networking site from scratch using MERN, Material UI, web sockets, PassportJS for authentication and session handling
- Provided multimedia services like news, weather updates, music, movies and YouTube services in one bundle