

Gopi Krishna Manchukonda

Manchukonda.g@northeastern.edu | (857) 753-9758 | [linkedin.com/in/krishna82/](https://www.linkedin.com/in/krishna82/) | github.com/manchukonda9

EDUCATION

Northeastern University, Boston, MA

May 2021

Master of Science in Information Systems

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

Koneru Lakshmiah University, Vijayawada, India

June 2017

Bachelor of Electronics and Communications, Electronics

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

TECHNICAL SKILLS

Programming languages: C++, C#, Java, JavaScript (ES6), Python, Typescript, SAP ABAP

Web technologies: Node.js, HTML5, CSS3, Ajax, JSON, Sass, Bootstrap

Libraries & Frameworks: React, Angular, jQuery, Spring MVC, ASP.NET, Spring, Hibernate, JUnit, Selenium, Django

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

IDE: Visual Studio 2012, NetBeans, Eclipse, Android Studio, Jupyter Notebook

Versioning tools: Git, Bitbucket, Team Foundation Server, JIRA, Jenkins

Cloud: AWS, Heroku

WORK EXPERIENCE

Infosys Ltd, Hyderabad, India

July 2018-July 2019

Senior Systems Engineer

- Provided application support to a windows application using *Spring* framework using *JSP, HTML, CSS*
- Architected a Loan Cycle Processing application, migrated to web using *Spring REST APIs, JavaScript, CSS, SSMS*
- Collaborated with onshore team to analyze project requirements and to define timelines and dependencies
- Conducted scrum meetings, involved in sprint planning, sprint backlog refinement, retrospective meetings etc.
- Optimized existing API calls by deprecating unneeded API calls, *reducing downtime by 10%*
- Devised complex Database *Stored Procedures, Functions, Cursors, Triggers, SQL joins* using SSMS

Software Engineer

July 2017-July 2018

- Developed and maintained backend of a web application to monitor using Node.js, MongoDB
- Enhanced user experience by designing new web features using *React, Express.js, Bootstrap, HTML/CSS*
- Created multi-threaded tasks that ran asynchronously, improving application's response time by *approx. 90%*
- Fixed high priority bugs and analyzed incidents and provided root cause analysis within given SLAs

Infosys Ltd, Mysore, India

Jan. 2017-May 2017

Project Intern

- Designed an Android application using *Java, SQL* in *Android Studio* using backend as *SQLite*
- Devised test cases across multiple browsers, platforms and devices, including smartphones and tablets

ACADEMIC PROJECTS

Group Fitness Portal

Jan. 2020-Apr. 2020

- Built a web application using *Java/J2EE, Spring MVC, Hibernate ORM, HTML, CSS, Bootstrap, jQuery, AJAX*
- Enhanced database interaction using Hibernate annotations-based mapping with *MySQL*

Organ Management Eco System Application

Sep. 2019-Dec. 2019

- Constructed an ecosystem in windows using *Java8, Swing API, Db4o* database to manage organ donation
- Developed Identity and Access Management for different users of application using custom java classes

E-Commerce Web Application

Sep. 2019-Dec. 2019

- Designed User Interface of a web application using *React, JavaScript, Bootstrap, CSS, HTML, JWT* authentication
- Incorporated Paypal RestAPI for payment, Websocket for chat application, consolidated with backend in *Node.js, Express.js, MongoDB*

Weather Forecasting System

Sep. 2019-Dec. 2019

- Designed a web application to forecast weather using *React JS components, Forms, Events, Key, Router*
- Implemented hourly forecast using OpenWeatherAPI, modeled using *TypeScript, JQuery, Bootstrap*

AWARDS/ ACHIEVEMENTS

- Bagged Pinnacle award presented by Infosys for exhibiting ownership and commitment, 2018
- Headed undergrad college's cricket team, 2016