

Deepali Nagwade

Senior Systems Engineer at Infosys Ltd.

Software Engineer with 2+ years of experience in Software Development. A quick learner and excellent team player with good analytical thinking, problem solving, interpersonal and communication skills.



✉ nagwade.deepali@gmail.com

📍 Bengaluru, India

in linkedin.com/in/deepalinagwade

📞 +91 9806740286

🌐 www.hackerrank.com/nagwade_deepali

🐙 github.com/deepali04

WORK EXPERIENCE

Senior Systems Engineer Infosys Limited

06/2018 - Present

Bengaluru, India

Achievements/Tasks

- Worked in a team of six to migrate modules of the application from monolithic architecture to microservices. This helped the team in efficient debugging and testing of application also ensuring optimized used of resources.
- Research and development in order to identify different pain areas of the client like manual server monitoring, finding server logs, performing similar tasks multiple times etc. Automation of these manual tasks reduced the time consumption by 70%.
- Contributed in development of post-order microservice (order state management) which displays recent orders placed by user on home page and my orders page.
- Involved in development of new features to the existing system, generating reports for various business purposes and also modifying contents of the website as per business requirements.
- Participated in identifying root cause analysis of application performance, potential bottlenecks, research and implementation of the solutions to overcome issues in the system.

ACADEMIC PROJECTS

Automated Call Routing System (09/2018 - 10/2018)

- A simplified version of mobile phone tracking system was implemented to handle queries for adding mobile phones over local exchange areas, changing their location and finding lowest routing path to establish a connection between two mobile phones.
- The project is built by implementing Threaded Trees and Multithreaded Tree-searching algorithms using a self-implemented linked list and implementation of an Approximation for Sets to store Mobile Phones using linked lists.

File Compressor (12/2019 - 12/2019)

- The purpose of the project is to build a system which lets us encode and decode the input file by LZW compression/decompression algorithm which is a lossless data compression algorithm.
- It takes input filename and bit length between 8 and 16 as inputs and returns encoded file as output also we can decode encoded file.
- Technologies used: Spring Boot, REST API, Maven, HTML, Java, concepts of Hash map, bit and String manipulation, File Handling.

HONOR AWARDS

Insta Award (03/2019)

Infosys Ltd.

- Secured an Insta award for quick learning, better performance and providing value to the project.

SKILLS

Java

Data Structures and Algorithms

Python

SQL

RESTful Web Services

Software Design Patterns

HTML5

Spring Framework

Version Control

Microservices

Hibernate and Object Relational Mapping

Linux (Beginner)

Database Management System

Software Engineering

CERTIFICATES

Algorithm Toolbox (Coursera): University of California San Diego (03/2020 - Present)

The course covered algorithmic techniques and ideas for computational problems arising frequently in practical applications: sorting, searching, divide and conquer, greedy algorithms, dynamic programming etc.

Software Design Patterns (Coursera): University of Alberta (05/2020 - Present)

The course extended object-oriented analysis and design by incorporating design patterns to create interactive applications. It covered various Design Patterns like Singleton Design Pattern, Factory Design Pattern, Observer Design Pattern, Proxy Design Pattern etc.

Data Structures (Coursera): University of California San Diego (04/2020 - Present)

The course covered various data structures that allow the algorithms to store and manipulate the data efficiently. Data structures like Array, Dynamic Array, Linked list, Stack, Queue, Set, Tree, Binary Search Tree etc. were covered.

Full Stack Java Developer (Udemy) (07/2020 - Present)

This course covered basic java development concepts, front-end web development skills like HTML, CSS, bootstrap and communication to the client side through a RESTful API. Various web development frameworks like Spring, Hibernate and ORM with Oracle DB were also covered.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Engineering

Shri Govindram Seksaria Institute of Technology and Science Indore, Madhya Pradesh

07/2014 - 05/2018