

# Nitish Kumar M

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## SUMMARY

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Aspiring software engineer with a strong foundation in Java, C++, and Python, and a passion for system design and problem-solving. Skilled in algorithm development and writing efficient code, with experience in collaborative, fast-paced environments

## SKILLS

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Python, C#, Java, C++, HTML, CSS, JavaScript, Algorithms, Data Structures, Object-Oriented Programming (OOP), React.js, Tailwind, Electron, Tauri, .NET, GitHub, Jira, Git, Agile Development, SQL, MongoDB, SQLite

## WORK EXPERIENCE

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### INVENTYS PVT LTD

Feb 2022 - Present

Junior Software Developer

Bangalore, IND

- **Process Automation:** Developed a scalable system to automate repetitive tasks, boosting efficiency and sustainability.
- **User Action Recording:** Built a solution to capture and store web user actions, supporting workflow creation.
- **Chrome Extension for Enhanced UX:** Developed a Chrome extension to capture DOM and images on visited pages, streamlining workflow and improving user experience and internal use case.
- **DOM Data Organization:** Designed a system to accurately capture and map DOM elements with page images.
- **Desktop Capture Optimization:** Used .NET libraries and Windows API to improve desktop element capture by 20%, reducing manual work.
- **Electron & React Application:** Contributed to "Fusion" by developing a desktop app with Electron and React, integrating and visualizing captured content

## PROJECTS

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### Spy (WPF Application)

Sept 2022 - Present

- Developed a versatile WPF tool to capture real-time images and monitor keyboard and mouse actions for specific windows.
- Designed an intuitive user interface to enhance usability and streamline the monitoring process.
- Implemented efficient data handling to ensure minimal performance impact while providing customizable monitoring settings.

### Path Finding Algorithms

Sept 2020 - Nov 2020

- Implemented and demonstrated the functionality of five distinct path-finding algorithms.
- Conducted comprehensive analyses comparing the strengths and weaknesses of each algorithm in solving maze-like structures.
- Received positive feedback on the user interface, making the project accessible and engaging.

## EDUCATION

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### KLE Society's Degree College

Bachelor of Computer Applications

Jan 2019 - Jan 2022

GPA: 8.24

### Seshadripuram independent pre-university college

PCMC's (computer science)

Jan 2017 - Jan 2019

GPA: 7.3

### Holy Child English School

SSLC

Jan 2016 - Jan 2017

GPA: 8.0