# Nitish ChittoorKrishnamurthy

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## EDUCATION

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| Missouri University of Science and Technology (Missouri S&T) – Rolla, USA | May 2023 |
| *Master of Science in Computer Science* | **GPA: 3.9/4.0** |

**Coursework:** Design & Analysis of Algorithms, IoT with Data Science, Database Management Systems, Cybersecurity.

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| PSG College of Technology – Coimbatore, India | May 2017 |
| *Bachelor of Engineering in Computer Science* | **GPA: 3.1/4.0** |

**Coursework:** Data Structures, Computer Networks, Operating Systems, Cloud Computing, Artificial Intelligence, Data Science.

## WORK EXPERIENCE

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| Kanshe Infotech | **Mar 2023 – Apr 2025** |
| **Jr. Software Developer (2+ Years)** | Rolla – MO, USA |

- Developed and maintained responsive web interfaces using React.js, improving user engagement by 35%.
- Refactored slow-running SQL queries within reporting modules by implementing indexing and query optimization, leading to a 30% improvement in data retrieval speeds.
- Enhanced front-end application performance by refactoring asynchronous API calls, leading to a 25% reduction in page load times and improved user experience across all browsers.
- Implemented Git-based version control workflows (CI/CD Pipelines) for front-end projects, resulting in a 15% reduction in code conflicts and faster feature integration across the development team.
- Facilitated daily stand-up meetings for a five-member team, resolving an average of two critical roadblocks per sprint, leading to a 15% decrease in critical bug occurrences.
- Spearheaded a cross-functional UI/UX audit, pinpointing and resolving 12 key usability bottlenecks, directly contributing to a 15% surge in positive user feedback scores.

## ACADEMIC PROJECTS

**Fresh Cart – E-Commerce Grocery Website (React.js, Bootstrap, Redux, Rest APIs)**
- Collaborated with team of 2 people for an online grocery shopping platform by building 15+ reusable React components, streamlining code maintenance and enhancing development team efficiency.
- Simplified website accessibility and usability by implementing interactive features and functionalities.
- Developed a responsive user interface with HTML, CSS, and JavaScript, improving user engagement by 40% and decreasing bounce rate by 15% within the first quarter.

**Food – Food Delivery Application (React.js, Node.js, Express.js, MongoDB)**
- Teamed with a group of 2 people and built a fully functional Food Delivery App using React.js for a User-Friendly Interface.
- Configured the App with Node.js and Express.js for Robust Backend and used MongoDB for Scalable Data Storage.
- Designed and implemented an admin page featuring live updates for menu items and delivery status, empowering administrators to manage the application and leading to 30+ daily active users.

**Odyssey Travels – Travel and Tourism Website (React.js, Bootstrap)**
- Designed a Travel and Tourism Website User Interface using React, helping in booking holidays across the world.
- Executed responsive and interactive user interface experiences for better Cross Browser Compatibility.
- Analyzed user behavior patterns and redesigned the interface, increasing engagement by 30%.

## SKILLS AND CERTIFICATIONS                                    LEETCODE

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| Programming Language: | C, C++, Python, Java, JavaScript, TypeScript |
| Front – End Technologies: | HTML5, CSS3, Bootstrap, React.js, Next.js, Redux, Tailwind CSS, Material UI |
| Back – End Technologies: | Node.js, Express.js, Rest API, JWT Authentication |
| Databases: | MySQL, PostgreSQL, MongoDB |
| Tools: | Linux, Git, GitHub, VS Code, IntelliJ, Eclipse, Postman |
| Problem Solving: | Data Structures and Algorithms (DSA) |
| Certifications: | HTML, CSS, and JavaScript for Web Developers (Johs Hopkins University) |
| | Meta Front-End Developer Professional Certificate (META) |
| | The Complete Sass & SCSS Course: From Beginner to Advanced (UDEMY) |