

# Manideep Kumar K R

Master of Science  
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## EDUCATION

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| <b>-Bangalore University, Bangalore.</b><br><i>Master of Science in Mathematics</i>                            | 2020-22<br>CGPA: 7.95     |
| <b>-Government First Grade College, Kolar</b><br><i>Bachelor of Science (PCM)</i>                              | 2017-22<br>Percentage: 80 |
| <b>-Mahila Samaja PU College, Kolar</b><br><i>Karnataka State Secondary Education Examination Board (PCMB)</i> | 2017<br>Percentage: 82    |
| <b>-Morarji Desai Model Res. School, Kolar</b><br><i>Karnataka Secondary Education Examination Board</i>       | 2015<br>Percentage: 76.5  |

## PROJECTS

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### -Learn Code – Learning Management System

*Learn Code is a comprehensive Learning Management System (LMS).*

- Facilitating users' logins to websites without having to remember their credentials
- The platform provides educators and learners with an intuitive interface for managing courses, accessing educational materials, and tracking progress.
- Technology Used: Front-end: HTML, CSS, and JavaScript. Back-end: Java Spring, Spring Boot, Database: MySQL.

### -Chatbot

*A Chatbot is an AI-powered software application that interacts with users via text or speech.*

- I successfully developed my own Chatbot using Python and natural language processing libraries, enabling it to engage in dynamic conversations and provide relevant information.
- Through this project, I honed my programming skills while delving into the fascinating realm of AI-driven interaction
- Technology Used: Python, NLP, and ML libraries.

### -Data Structures Implementation using Swings in Java

*The GUI consists of a text area to display the contents of the Data Structure, an input field to enter values and Output fields.*

- I successfully developed my own Chatbot using Python and natural language processing libraries, enabling it to engage in dynamic conversations and provide relevant information.
- Implemented various data structures, including linked lists, stacks, and queues, using Java Swings, a popular GUI toolkit. Designed and implemented efficient algorithms for data structure operation, such as insertion, deletion, and traversal, and integrated them with Swings components to create a user-friendly graphical interface for interacting with data structures. Conducted extensive testing to ensure functionality and performance.
- Technology Used: SQL, Bootstrap, HTML.

## EXPERIENCE/ WORK EXPERIENCE

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### Mentoons – Bangalore, India

#### Frontend Developer

Aug 2023 – Present

- **Code Quality and Structure:** Review and enhance the codebase for maintainability and readability. Ensure consistent naming conventions, proper indentation, and comments to aid other developers and your future understanding of the code.
- **Responsiveness and Compatibility:** Ensure the website is fully responsive and works across different devices and browsers. Test the website on browsers (Chrome, Firefox, Safari, etc.) and devices (desktop, mobile, tablet) to guarantee a consistent user experience.
- **Optimization for Performance:** Optimize the website's performance by reducing unnecessary code, using minification and compression techniques, lazy loading resources, and optimizing images to improve loading times. Ensure efficient caching strategies are in place.
- **SEO and Metadata:** Implement basic Search Engine Optimization (SEO) practices by adding meta tags, optimizing content for keywords, and creating a sitemap. This helps search engines better index the site and improve its visibility.
- **Responsive Design and Mobile Compatibility:** Verify and enhance the responsiveness of the website across various devices. Check the website's layout and functionality on different screen sizes (desktop, mobile, tablet) to ensure a seamless user experience regardless of the device used.
- **Proficient in deploying websites using GoDaddy's hosting services, showcasing practical experience in server management and website deployment in a live production environment.**

### KodNest Technologies – Bangalore, India

#### Full-Stack Development Intern

Jan 2023 – Jun 2023

- Successfully completed a rigorous 6-month training program in Java Full Stack Development along with comprehensive training in Manual Testing.
- Gained proficiency in a wide range of skills including competitive programming, web development, and SQL, enhancing the ability to tackle multifaceted challenges in the tech industry.
- The course provided in-depth knowledge and hands-on experience, enabling a comprehensive understanding of both front-end and back-end development, as well as quality assurance through manual testing.
- Armed with a robust skill set and practical expertise, ready to contribute effectively in the dynamic fields of full-stack development, programming, and web technologies.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** Java, Python, HTML, CSS, JavaScript, SQL

**Dev Tools:** VScode, Eclipse, GitHub

**Frameworks:** Hibernate, Spring, and Spring Boot

**Cloud/Databases:** Relational Database (MySQL), Oracle

**Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, and Software Engineering.

**Areas of Interest:** DEVOPS, Cloud Security.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability