

# Karthek Darapureddi

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## SUMMARY

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Passionate Java Developer with hands-on experience in developing small-scale applications using Java, Spring Boot, and Oracle. Strong grasp of object-oriented programming and RESTful APIs. Eager to contribute to backend development and apply skills to impactful, real-world solutions.

## EDUCATION

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| • <b>Nobel Institute of Science and Technology</b><br><i>MCA - Computer Applications</i> | Vizag, India<br>2022 - 2024   |
| • <b>Sri Sai Degree College</b><br><i>B.Sc - Computer Science</i>                        | Bobbili, India<br>2019 - 2022 |
| • <b>Vidwan Junior College</b><br><i>Intermediate (MPC)</i>                              | Bobbili, India<br>2017 - 2019 |
| • <b>Abhyudaya High School</b><br><i>10th Standard (SSC)</i>                             | Bobbili, India<br>2016 - 2017 |

## SKILLS SUMMARY

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- **Languages:** Core java, Oops, HTML, CSS, Sql, JavaScript
- **Tools/Toolkit:** Redux Toolkit, Postman, Git
- **Frameworks:** React.js, Spring Boot
- **Databases:** MySQL, MongoDB, Firebase
- **Platforms:** Windows, AWS

## PROJECTS

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### Employee Management System

(Tech: Spring Boot, ReactJS, MySQL)

- Built a full-stack web app to streamline employee record management for small and medium - sized businesses.
- Enhanced RESTful APIs using Spring Boot for CRUD operations.
- Established dynamic frontend interfaces using React.js and Bootstrap.
- Tested endpoints using Postman and integrated JPA for database management.

### Disney+ Hotstar Clone

(Tech:) React.js, CSS, Firebase, Redux Toolkit

**Live Demo:** <https://disneyplus-clone-618d7.firebaseio.com/>

- Improved a responsive and interactive clone of Disney+ Hotstar with Firebase hosting.
- Integrated Firebase Authentication for secure login and logout functionality.
- Generated and rendered content sections such as 'New to Disney', 'Originals', 'Trending', and 'Recommended'.

### Sorting Algorithm Visualizer

Tech: HTML, CSS, JavaScript

- Created an interactive tool to visualize sorting algorithms step-by-step.
- Supported Bubble Sort, Merge Sort, Quick Sort with pause/resume/reset options.
- Designed UI controls to customize input size and speed.

## DECLARATION

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I hereby declare that the information furnished above is true to the best of my knowledge and belief.