

RAJA SIMHA REDDY. B

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Skills

- Python | Java | JavaScript | C | MSSQL | Sqlite3 | Git
- Django | Flask | React | Azure web service | Data visualization | Pandas and Numpy
- Data Structure Algorithms | OOPS | Web programming | Full-Stack | Testing (Intermediate)
- Machine Learning Algorithms
- English, Telugu, Hindi – *All professional proficiency or above*
- Communication | Decision Making | Analytical thinking

Education

Bachelor of Science **BMS COLLEGE OF ENGINEERING** **06/2023 - 06/2027**

- Major in Computer science and engineering
- Bengaluru -KA -INDIA

Higher -Secondary-Education **Narayana-Shivani Bhavan** **04/2021 - 06/2023**

- Scored **97.5%**
- Secured **98.3** percentile in JEE , **17K** in JEE-ADVANCED
- Vijayawada -AP -INDIA

Internships

- **Code-Alpha: (03/2013)]**
 - Engaged in a web development internship at **Code Alpha**, gaining hands-on experience in **[REACT, JS, AJAX]**, collaborating with a team to develop [Development of E-commerce website], and contributing to [Back-end optimisation].

Projects

CODE-WARS: Developed a collaborative web application for Daily Problem-Solving Algorithm (DSA) challenges, facilitating real-time collaboration and user idea sharing.

- Designed and implemented a robust database schema and intuitive frontend interface.
- Integrated advanced search functionality and seamless backend connectivity.
- Enhanced user experience with dynamic rendering and reduced page reloads using asynchronous JavaScript.
- Conducted automated automotive testing with Selenium and unit testing for backend reliability.
- Documented technical insights and learnings to support ongoing development.
- Deployed the application on Azure for seamless accessibility and scalability.

Technologies Used: *Django, Bootstrap, SQLite, JavaScript, AJAX, selenium, unit testing.*

TIC-TAC-TOE AI: Designed and developed an AI model with a 0% losing probability for TIC-Tac-Toe games. (03/2013)

Online Card Portfolio: Developed a visually appealing online portfolio with advanced CSS and aesthetic design. (03/2013)

Book-Mart E-commerce: Created an e-commerce website using Flask and Bootstrap, specializing in the buying and selling of books.

Auctions Platform: Designed and developed a platform for hosting online auctions. (03/2013)

Certifications / Achivments

- **CS50-X:** Completed Harvard University's online course covering fundamental concepts in computer science, including problem-solving, algorithms, data structures, and web development. ([24.1%](#) Pass Rate) . (01/2021 - 04/2022)
- **CS50-W:** Completed Harvard University's online course focusing on web programming techniques using Python, FrontEnd and JS (10/2023 - 02/2024)
- **Qubit by Qubit (IBM):** Completed Qubit by Qubit program offered by IBM, covering quantum computing concepts , major Mathematics and Quantum physics from (2020-2021).

(All remaining projects, as well as those mentioned, are available on GitHub for review and collaboration.)