

VIGNESHWAR REDDY DONAPATI

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EDUCATION

CMR INSTITUTE OF TECHNOLOGY, HYDERABAD

August 2019 – June 2023

Bachelor of Technology in Electronic and Communication Engineering | GPA: 8.50

SRI GAYATRI JUNIOR COLLEGE, HYDERABAD

June 2017 – May 2019

Intermediate Maths, Physics, Chemistry | GPA: 9.60

SKILLS

Programming Languages: C, Java, Python, JavaScript/TypeScript

Front End Technologies: HTML, CSS, React.js, Redux, Redux Toolkit, Next.js, jQuery, Bootstrap

Back End Technologies: Node.js, Express.js, EJS (server-side rendering)

Databases: MySQL, Firebase, MongoDB (NoSQL)

Additional Tools: Git, GitHub, Postman, JWT, Material-UI, Tailwind CSS, Visual Studio Code, IntelliJ IDEA

Computer Fundamentals: Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA)

PROJECTS

ArtNook | [Video demo](#) | [Link](#)

October 2023 – December 2023

- Developed a responsive full-stack artist showcase website with **JWT** authentication, middleware, and cookies for secure login/signup, artist profile management with authorization controls, and **CRUD** operations for artwork posts via **RESTful APIs**, using **MongoDB** and **Nodejs** as backend technologies.
- Improved website performance by over 60% through memoization and lazy loading the images and components using **React**, resulting in a faster initial page load and efficient at low network speeds.
- Improved user experience by implementing art category-based filters and search functionality.

Discord Clone | [Link](#)

August 2023 – August 2023

- Developed a Single Page Application (**SPAs**) for a real-time chat app using **React** and **Firebase**, facilitating isolated conversations between users and enabling communication across channels.
- Integrated Google login/signup with Firebase and incorporated state management via **Redux**.
- Created with a responsiveness and intuitive UI/UX for a seamless user experience.

Spotify Clone | [Video demo](#) | [Link](#)

November 2022 – November 2022

- Built a responsive Spotify clone with **HTML**, **CSS**, and **JavaScript** with asynchronous programming.
- Implemented essential features like play/pause, previous/next controls, progress bar, volume adjustment, and search functionality using JavaScript's DOM manipulation and event handling.

EXPERIENCE

Associate Software Engineering | Tech Mahindra

March 2024 – Present

- Developed and optimized Python and shell scripts for automated data extraction and visualization, significantly enhancing data analysis capabilities and reducing manual processing time by 30%.
- Gained experience in Agile methodologies and teamwork, improving project workflows and collaboration.

CERTIFICATIONS

Oracle Certified Associate, Java SE 8 Programmer | [Certificate](#)

February 2023

Wipro TALENTNEXT Java J2EE Course Completion Certificate | [Certificate](#)

October 2022

ACHIEVEMENTS

Secured a global rank of **2196** in **TCS CODEVITA** season 10. | [Certificate](#)

April 2022

Cleared the **INFYTO** certification round, by solving all 2 coding problems.

February 2022

CODING PROFILES

LEETCODE: [19r01a0457](#) (Rating: 1530(**Top 25%**), 350+ problems solved)

GEEKSFORGEEKS: [19r01a0457](#) (Score: 580(**Rank 30**), 250+ problems solved)

CODECHEF: [vignesh_457](#) (Rating 1554(**2 Star**), 126 contests)