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, Tailwind CSS

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

Databases: MySQL, Postgres, Firebase, MongoDB (NoSQL)

Additional Tools: Git, GitHub, Postman, JWT, Prisma

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 **INFYTQ** 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)