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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI

COMPUTER SCIENCE AND
ENGINEERING

Expected May 2027
Tamil Nadu, IN

SKILLS

PROGRAMMING

- C
- C++
- Python
- Java
- JavaScript
- TypeScript
- ReactJS
- Tailwind CSS
- NodeJS
- ExpressJS
- Redux Toolkit
- MongoDB
- Git

OPERATING SYSTEMS

- Windows
- Linux
- UNIX

PROJECT

INTERACTIVE HANGMAN GAME

- Developed with React JS and TypeScript
- Showcasing frontend development and UI skills

CLIENT-SIDE SHOPPING CART SOLUTION

- ReactJS and TypeScript chosen for maintainability and interactive elements
- Local storage implemented for lightweight, browser-based data persistence

ADVANCED LINUX ENVIRONMENT ENGINEERING

- Leveraged Arch Linux and the linux-zen kernel to construct a high-performance and customizable operating system base
- Selected and configured Hyprland as the compositor and Sway as the window manager for a tiling-based workflow
- Deployed Waybar for comprehensive system status monitoring and information access at a glance
- Integrated Rofi as an efficient application launcher and SDDM for a visually appealing and functional login manager

INTERACTIVE AUDIO STREAMING PLATFORM

- Built a user-friendly audio player frontend with ReactJS and TypeScript, focusing on a seamless streaming experience
- Designed and implemented a RESTful API using NodeJS and ExpressJS for efficient backend operations
- Integrated Cloudinary for reliable audio file hosting
- Employed MongoDB to manage track metadata