

Aruneshwaran

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Portfolio | LinkedIn | GitHub

Education

MBA in Information Technology University of Mysore, KA (Online)	2024 – 2026
BCA in Computer Science CGPA: 7/10, Vellore Institute of Technology, TN	2021 – 2024

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST API

Database: MongoDB, MySQL

Tools: Git, GitHub, NPM, Vite, Postman, Figma

Projects

Music Streaming App | *React.js, TypeScript, Node.js, Express.js, Tailwind CSS*

- Built a **fully responsive music streaming platform** using React.js and TypeScript, delivering smooth animated transitions and 100% mobile compatibility.
- Integrated **RapidAPI for live music data** and implemented caching, ensuring 95% real-time data accuracy and faster content load.
- Developed **playlist creation, management, and state-handling** using Redux Toolkit and React Router DOM, increasing user engagement by 75%.

E-Commerce Platform | *React.js, Node.js, Stripe, Redis*

- Built a **full-stack e-commerce platform** with React.js and Node.js, delivering 100% mobile-responsive user experience and seamless shopping flow.
- Implemented **secure authentication and Stripe-based payment system** with JWT and token refresh, achieving 95% transaction reliability and secure user sessions.
- Integrated **product management and caching system** using Redis for fast data retrieval, reducing manual update efforts by 80% and improving performance.

Chat Application | *Node.js, Express, Socket.io, Tailwind CSS*

- Built a **real-time full-stack messaging platform** using Socket.io and MongoDB, achieving 99% message delivery reliability.
- Developed a **responsive UI with Tailwind CSS and DaisyUI** supporting light/dark mode, improving multi-device accessibility by 100%.
- Implemented **secure authentication and chat history persistence** using JWT and MongoDB, reducing unauthorized access by 95% and enabling 90% faster conversation retrieval.

Certifications

1. **Python Full Stack Course** – Bolt Academy
2. **Full-Stack Web Development Certification**, Udemy