

BHARATH BN, 24

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SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, HTML, CSS
- **Frontend Frameworks/Libraries:** React.js, Next.js, Tailwind CSS, Redux Toolkit
- **Backend & Databases:** MySQL, MongoDB, PostgreSQL
- **DevOps & Tools:** Git, GitHub, Docker

PROJECTS

- [Link](#) **BookWise** Technology: Next.js, ShadCN, NextAuth, ImageKit, Upstash(Redis), Drizzle ORM, Neon
- **Developed** a modern library management system with a **public interface** for students to borrow books and an **admin panel** for inventory and user management. **Integrated ShadCN** UI components for consistent styling and improved user experience.
 - **Implemented** secure authentication with **NextAuth**, enabling role-based access for students and administrators.
 - **Optimized** media handling using **ImageKit** for fast and reliable image and video uploads, processing, and transformations.
 - **Boosted performance** by **30%** through **Upstash Redis** caching and **rate limiting** and **reducing server load** by **40%**.
 - **Designed** a robust and scalable database schema with **Drizzle ORM**, ensuring efficient data interactions with **PostgreSQL**, hosted on **Neon** for enhanced availability, performance, reliability, and seamless scalability.
 - **Built** an admin panel to streamline library operations such as book management, user roles, and activity tracking.
- [Link](#) **ShopperzKart** Technologies: Next.js, TypeScript, Tailwind CSS, NextAuth, Redux Toolkit, Stripe
- **Frontend Development** using **Next.js** for creating interactive and **responsive user interfaces** with optimized performance.
 - **Created** a state management system with **Redux Toolkit** to efficiently store and manage product inventory and cart data.
 - **Enhanced** secure **user authentication and authorization** using **NextAuth**, managing user sessions and to ensure safe access.
 - Configured **Stripe** payment gateway, enabling smooth and secure product transactions and tracked overall transaction history.
- [Link](#) **Crypto Price Tracker** Tech Stack: React.js, Context API, React Google Charts, CoinGecko API
- **Integrated** CoinGecko API to fetch **real-time market data** for **1,000 cryptocurrencies**, adding a search bar for filtering.
 - **Interactive Graphs** – Used **React Google Charts** to display historical price trends **with real-time updates**.

EDUCATION

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| National Institute Of Technology, Goa | 2020 - 2024 |
| <ul style="list-style-type: none">• Bachelor Of Technology in Electronics and Communication Engineering CGPA - 8.3 | |
| Sri Chaitanya Techno School, Banaswadi, Bangalore | 2018 - 2019 |
| <ul style="list-style-type: none">• 12th CBSE | |

WORK EXPERIENCE

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| Data Science Intern, UpSkillCampus | June 2023 - July 2023 |
| <ul style="list-style-type: none">• Developed a GRU-based deep learning model for time series forecasting, enhancing traffic volume predictions.• Applied data preprocessing techniques to clean and transform historical traffic data, improving model accuracy. | |

CERTIFICATIONS

- **IBM Web Development Fundamentals Certification** – Proficient in **frontend, backend, REST APIs, and UI/UX**.
- **HackerRank Certifications** in **Python, SQL, CSS, JavaScript, and React.js**, demonstrating strong technical expertise.