**BHARGAVI THANNIRU** [Portfolio](https://ornate-jalebi-84ae69.netlify.app/) | [GitHub](https://github.com/Bhargavi432-max?tab=repositories) | [LinkedIn](https://www.linkedin.com/in/bhargavi-thanniru-252302248/)

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### **Experience**

#### **T-Machine Software Solutions Chennai, India**

**Associate Software Engineer** *Aug. 2023 - May 2024*

* Developed a Video Puzzle Platform using React.js, allowing users to interactively solve puzzles from video frames.
* Implemented state management with Redux to optimize performance and ensure a seamless user experience.
* Integrated drag-and-drop functionalities to enhance user engagement and retention.
* Optimized component rendering using React.memo() and lazy loading, reducing initial load time by 30%.
* Led UI/UX improvements, increasing platform engagement by 25%.

**Projects**

### **Portfolio Website *(React.js, jQuery, Tailwind CSS)***

* Designed and developed a personal portfolio website showcasing projects, experience, and skills.
* Implemented interactive UI components and dark mode toggle for an enhanced user experience.

### **QR Code-Based Calorie Calculator *(React.js, Firebase, Node.js)***

* Developed a platform that scans food QR codes and provides real-time calorie breakdowns.
* Integrated Firebase for real-time data storage and authentication.
* Built a custom API in Node.js to fetch nutritional information.

### **Community Yoga Tracker App *(MERN Stack)***

* Built a social platform for users to log Yoga practices, track progress, and rate Asanas.
* Developed CRUD APIs using Node.js and MongoDB for efficient data storage.
* Designed an interactive leaderboard to gamify user participation.

### **Movie Streaming Platform *(HTML, CSS, JavaScript, Firebase)***

* Built a real-time movie streaming application with features like search, filters, favorites, and user comments.
* Integrated Firebase for database management and real-time updates.

**Skills**

* **Languages**: JavaScript (ES6+), Python, C++
* **Frameworks** & Tools: React.js, Node.js, Express, FastAPI, Firebase, Tailwind CSS
* **Databases**: MongoDB, MySQL
* **Cloud & DevOps**: AWS (Lambda, S3, EC2), Firebase, GitHub Actions
* **Testing & Debugging**: Jest, Postman

### **Education**

#### **QIS College of Engineering and Technology**

#### B.E. in Electronics & Communication Engineering **- 8.35 CGPA June 2020 - May 2023**

**Malineni Lakshmaiah Engineering College - 88%**

#### Polytechnic in Electronics & Communication Engineering **June 2017 - May 2020**

**ZPGHS(Girl’s) - 9 GPA**

#### SSC (StateBoard) **June 2016 - May 2017**