



Kishore V

B.Tech – Computer Science and Engineering

Gender: Male

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Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2022-Present	B.Tech-CSE	NIT, Trichy	8.30
2022	Class XII	Velammal Bodhi Campus, Ponneri Tamil Nadu, CBSE	88.6%
2020	Class X	GT Vidhya Mandir, Vadamadurai, Tamil Nadu, CBSE	89%

Internship Experience

- Summer Internship at Thoughtspot:

May 2025 - Jul 2025

Developed **ThoughtSpot Cost Monitor** using **OpenCost** and **Prometheus**, automated cost tracking across **6 Kubernetes clusters** on AWS and GCP. Achieved **100% infrastructure cost visibility** and reducing manual cost monitoring effort by **90%**. Implemented **Karpenter cost optimisation** system that intelligently scales **AWS cluster nodes**, reducing provisioning time from **5-10 minutes to 30-40 seconds** while eliminating resource waste through automated workload consolidation.

Academic Achievements

- Secured **First Rank** in Class 10th board exam out of 500 students.
- Successfully cleared an international level in the Spell Bee Competition with **Merit plus Certification**.

Projects

- VidHive:

Jan 2025

Developed and Deployed a full-stack video conference application using **WebRTC**, **React**, and **Node.js**. Features include **AI-powered avatars**, **real-time emotion detection**, and **session-based authentication**. **WebRTC's peer-to-peer architecture** delivers **ultra-low latency**, enabling **simultaneous AI processing** and **enhances real-time communication**.

- Max-Gpt-AI:

May 2024

Developed and Deployed a **full-stack** web application with a **multi-search engine** using **React**, **Node.js**, and **MongoDB**. The app includes AI features such as **image** and **text search**, **text-to-voice generator**, **image detector**, and **plagiarism detector**. It supports the simultaneous processing of AI features using **multithreading** and has a **session-based authentication** system for multiple-user sign-in.

- E-Commerce Application:** Feb 2024
 Developed and Deployed a **full-stack** E-commerce website by using **React, Express**, and **Firestore**. Key features include AI **chatbots** for customer support which can be controlled by **voice-over commands**, and **Stripe-integrated** payments. Utilized **Redux Toolkit** for complex management tasks, implemented an **ML model** for object detection in the product search engine, **Twilio** platform for SMS sender and provided a secure authentication system with **Google sign-in** and **OTP** options.
- Websites For Tech Symposium:** Oct 2023
 Contributed to front-end development projects for the Vortex Tech Symposium website, which is used by more than 500 students. Created a page for the accommodation booking system using **React** and utilized **Mantine** for the UI/UX design.

Technical Skills and Certifications ---

- Programming Languages : C, C++, Javascript.
- Frameworks and Libraries : React , ExpressJs , FireBase.
- Database : MongoDB , FireStore , SQL.
- Cloud & DevOps : Kubernetes, AWS, GCP.
- Other Software : Microsoft Word , Power Point , Excel , Figma , Visual Studio.

Positions of Responsibility ---

- Coordinator, Vortex Computer Support Group:** Oct 2023 – May 2025
 Worked in Vortex'24, which is the (Annual National-level Technological Symposium of the CSE department). Worked closely with teams for handling and development of the Vortex Website.
- Manager, Pragyan Quality Assurance:** Oct 2023 – May 2025
 Joined Pragyan, (The International Techno-Managerial Organization of NIT- Trichy), as a Coordinator. In this role, I organized events with strong emphasis on safety and quality, coordinating guest lectures, maintaining and handling documents for past events, and gaining valuable work experience with auditors.
 - Manager of **Pragyan Quality Assurance** during Pragyan 2024.
 - Coordinator of **Pragyan Quality Assurance** during Pragyan 2023.

Extracurricular Activities ---

- Sports Activities:**
 Secured **Second** place in Relay Match at an inter-school competition in 2020.