



# Kishore V

B.Tech – Computer Science and Engineering  
Gender: Male  
Date of Birth: 16/12/2004  
E-mail: tp@nitt.edu  
Contact: +91-431-2501081



## 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, Vadamaradai, 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 10<sup>th</sup> 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

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- 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

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- **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

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- **Sports Activities:**

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

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