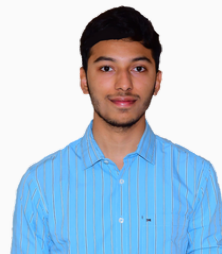# RANJITH KANNAN

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PROFESSIONAL SUMMARY

A motivated and hard-working student seeking the opportunity to demonstrate in a challenging environment. I use my knowledge of various programming languages and frameworks to enhance my coding skills and contribute to the growth of the institution.

CORE COMPETENCIES

- ✔ Programming languages
- ✔ Code structure & architecture
- ✔ Web performance optimization
- ✔ Front-end & back-end web development
- ✔ Agile software development
- ✔ Test driven development
- ✔ Source control

EDUCATION

Qualification	University	Year	Percentage
B.E Computer Science Engineering	PSG College of Technology	2025	7.61/10 *upto 6th semester
12th	VMJ Higher Secondary School	2021	98.00%
10th	VMJ Higher Secondary School	2019	88.83%

RELEVANT PROJECTS

Spotify Time Machine
14 September, 2022 - 18 September, 2022
- Built a bot using Python to automatically add songs from the billboard to a playlist.
- Used Flask framework and SQL database.

Amazon Price Tracker
29 September, 2022 - 02 October, 2022
- Built a bot to track the price of Amazon products and notify the user when the price drops to a level.
- Created a website to access the bot and track the products.
- Used Flask framework.

DBMS ChatBot

25 February, 2023 - 25 March, 2023

- Built an app in which users can ask questions regarding DBMS.
- The app was built using Flutter and uses Firebase as the database.

Kriya Website

15 December, 2023 - 2 February, 2024

- I headed up the web team for Kriya, an intercollege event held at PSG College of Technology, working on the event's website.
- The website was developed with MERN stack .

Workforce Nexus

23 January, 2024 - 15 March, 2024

- Developed a comprehensive platform that could manage attendance, tracking and analyze sales, predict sales for the next month and manage queries.
- This website was made for Royalti Paints.

CommUnity link

28 June, 2024 - 01 July, 2024

- Made a platform to connect local communities.
- Users can create posts, participate in events and purchase from the community store.
- The webapp was developed using Next.js and using an express server as the backend.

DJ - U   link

25 August, 2024 - 30 August, 2024

- Designed an interactive music player platform where users can vote for the next song to be played.
- Incorporated dynamic music queue and real-time updates using WebSockets for seamless user experience.
- Developed the web app using Next.js with state management powered by Zustand and a Node.js backend for API handling.

SKILLS

- **Programming Languages** - Python, JavaScript, Dart, Java, C
- **Runtime Environment** - Node.js
- **Frameworks** - Flask, Express, Flutter, Next.js
- **Database** - MongoDB, SQL, PostgresSQL, Firebase
- **Frontend Technologies** - HTML, CSS , React, Tailwind CSS, Framer Motion
- **Version Control:** Git, GitHub