

# Alvin Ben George

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## EDUCATION

**SRM Institute of Science and Technology**  
*B. Tech in Electronics and Computer Engineering*  
CGPA: 8.12

Chennai, TN  
Expected Graduation, Jun 2026

## EXPERIENCE

**Blue Cross Kiosk Project**  
*Full Stack Development*

Remote  
June 2024 – July 2024

- The project was aimed to serve the kiosk screens that were present in the lobby of the organization which has more than 200+ activities per minute
- Successfully developed a frontend website with 95+ performance in lighthouse

**MIS Legal**

*Backend Development*

Remote  
April 2023 – February 2024

- Developed a robust backend API using Express.js, leveraging MongoDB for efficient data storage and Amazon S3 for scalable object storage. Purpose of this project is to manage the internal changes and organizing of the Law company in order to bring efficiency within their organization
- Improved Efficiency of workflow by 30%

## HACKATHONS

**HACKNOVA '24 (Winner – 1<sup>st</sup> Prize)**

SRMIST KTR

*Full Stack Development*

March 2024

- Created a project using NextJS and FastAPI with the implementation of AR tools for better understanding and visualization of a certain task or component during the learning process. Also included classroom meeting for live interaction and a chatbot
- Project involved usage of AR, especially by Adobe Aero and Echo3D
  - Got selected over 100+ teams in Campus and won

**INNOFUSION '24 (2nd Runner Up – 3<sup>rd</sup> Prize)**

SRMIST KTR

*Full stack Development*

February 2024

- Developed Frontend using NextJS and Backend using FastAPI. Made a website which inputs parameters such as age and ECG image. The ECG image is analyzed, and a resultant output is given by the model, which is then passed on to another model which contains the data to predict if the patient has the possibility of having heart related diseases. Made a prototype of a watch which could verify and find the pulse of the heartbeat to provide more information to the model for better result
- Integrated AI functionality with the API
  - Formed a Frontend with 90+ lighthouse points for performance

**HACKSTREET 1.0 (1<sup>st</sup> Runner Up – 2<sup>nd</sup> Prize)**

SRMIST KTR

*Backend Development*

February 2023

- Developed an application which is a clone of the original Bajaj Finserv health articles website with auto generated FAQ and question field which is automatically replied to by using AI.
- Optimized and decreased average response time from 5.3 seconds to 1.2 seconds
  - Used FastAPI and integrated with frontend written in Typescript, and got 2<sup>nd</sup> prize while competing with 70+ teams

## CLUBS AND COMMUNITIES

**GDSR SRM (Official Campus Club of Google Developers Student Community)**

SRMIST KTR

*Technical Lead*

2023 - Present

- Automated Certificate Generation and simplified the process in the campus club
- Leading the main project of the club and managing Github repository and projects

**SRMKZILLA (Official campus club of Mozilla)**

SRMIST KTR

*Technical Lead*

2022 - Present

- Automated and removed tedious tasks which were done manually by the members of the club and helped in improving the performance of the main website by 12%. Brought systemic changes to the working of the core to bring a much faster workflow
- Forged a project with FastAPI backend with a team of 5 other people
- Lead a team of 21 members to develop 2 projects

## PROJECTS

**Alfred Discord Bot**

Remote

*Founder/President*

2021- 2023

- Collaborated with a diverse team of 12 developers representing different cultures and time zones, demonstrating effective cross-cultural collaboration. Crossed 300 operating servers with 2,50,000 users and 1000+ active users
- Brought more than 20+ features to the bot and included 3 features from local developers to encourage the development of their project

**Project KZBLOGS**

SRMIST KTR

*Backend Developer*

2023 - 2024

- Devised a Backend API with the use of FastAPI framework, database as MongoDB. Project's primary aim is to provide information to the students of SRM through blogs
- Serving over 70 club members and 5000+ students on campus

## SKILLS

*Data Structures, Streamlit, Vertex AI, GCP, Gemini API, Web Hosting, Cloud Computing, Linux server, Linux System Administration, Artificial Intelligence, CNN, RNN, Docker, Django, Flask, Pandas, TensorFlow, OpenCV Python, C, CPP, Git, GitHub, DevOps, FastAPI, RDBMS, MySQL, PostgreSQL, CI/CD, GCC, MERN, REST API, AWS, Speaking, Presentation, Project Management, Threat and Vulnerability Management, Leadership, RedHat Linux, Oracle Cloud Infrastructure*