

# Sanjay S Subramaniam

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🔗 [in/sanjay-s-subramaniam-778233324?utm\\_source=share&utm\\_campaign=share\\_via&utm\\_content=profile&utm\\_medium=ios\\_app](https://in/sanjay-s-subramaniam-778233324?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=ios_app)

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## SUMMARY

Motivated Electronics and Communication Engineering (ECE) student with a strong interest in VLSI and ECE core domains. Experienced in hackathons, contributing to both backend and frontend development on innovative projects. Passionate about blending software and hardware skills to solve real-world challenges, and thrives as a collaborative, adaptable team player committed to continuous learning.

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## EDUCATION

### Bachelor of technology

Indian Institute Of Information Technology, Kottayam • Kottayam • 2028 • 8.27

### Intermediate/+2

Saint Francis de sales Public School • Ettuamanoor • 2024 • 95.4%

### Marticulation

Bishop Moore Vidya Pith • Cherthala • 2022 • 90%

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## SKILLS

Hard Skills: C++, C, MATLAB, SQL, Dart, Flutter SDK, App, Flutter Builder, Android Studio

Soft Skills: Time Management, Leadership, Adaptability, Creative Solutions, Strategic Thinking, Problem-solving, Team Leadership, Conflict Resolution

Languages: Malayalam, English, German

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## PROJECT

### InvisiKey

Canara Bank • [github.com/D-Hack1/InvisiKey](https://github.com/D-Hack1/InvisiKey) • June 2025 – July 2025

- Pitched the project idea effectively, presenting the concept, technical implementation, and real-world impact during the hackathon.
- Developed the entire frontend of the InvisiKey solution using Flutter, ensuring a smooth and user-friendly interface for net banking users.
- Built and maintained the backend infrastructure with PostgreSQL, enabling secure data handling and efficient authentication processes.
- Managed the deployment of the application, overseeing both server-side setup and cloud integration for seamless project accessibility.
- Produced and edited a comprehensive demo video clearly demonstrating key features and user workflows to judges and stakeholders.
- Led multiple responsibilities, from conceptualization and development to deployment and presentation, playing a pivotal role in the project's overall success.

### D Empath

Boston Institute of Analytics • June 2025 – June 2025

- Conceived and pitched the core idea for "D empath," focusing on providing accessible emotional support through an intelligent chatbot.
- Designed and implemented the user interface, ensuring a welcoming and intuitive experience for individuals seeking support.
- Collaborated effectively within a team environment, facilitating open communication and sharing insights to drive project success.
- Provided ongoing support and encouragement to team members, assisting with troubleshooting, brainstorming solutions, and coordinating tasks as needed.
- Played a central role from ideation to execution, exemplifying adaptability and teamwork throughout the development cycle.

### Gene Expression Explorer

CodeHolics • [github.com/AadiBolics/gene-expression-explorer](https://github.com/AadiBolics/gene-expression-explorer) • May 2025 – May 2025

- Conceived and pitched the core idea for the project, aligning team efforts and driving the initial vision.
  - Actively built the prototype, handling both backend development and user interface features for a seamless experience.
  - Created and edited a comprehensive demo video, clearly communicating the project's purpose and functionality to judges.
  - Engineered the Gene Expression Explorer, enabling real-time visualization and analysis of high-throughput gene expression datasets for accelerated biological research insights.
  - Contributed to the design and implementation of a prototype for the Gene Expression Explorer project using Python and Xcode, guiding topic identification and refinement through collaborative input.
  - Coordinated collaboration among team members, ensuring smooth progress and clear role distribution throughout the hackathon.
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