






# SANKETH SEQUEIRA

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## Education

<b>Bachelor of Engineering</b>	<b><u>Global Academy of Technology</u></b>	<i>Bangalore, India</i>	<b>12/2021 - 07/2025</b>
<ul style="list-style-type: none"><li>Major in Information Science and Engineering.</li><li>CGPA – 9.02</li></ul>			
<b>Secondary Education</b>	<b><u>Jain PU College</u></b>	<i>Bangalore, India</i>	<b>06/2019 - 05/2021</b>
<ul style="list-style-type: none"><li>Grade - Distinction</li></ul>			
<b>High School</b>	<b><u>Sri Kumaran Public School</u></b>	<i>Bangalore, India</i>	<b>06/2013 - 05/2019</b>
<ul style="list-style-type: none"><li>Academic Marks – 85.67%</li></ul>			

## Work Experience

<b>Software Engineer, Intern</b>	<b><u>Kreedaloka</u></b>	<i>Bangalore, India</i>	<b>07/2023 - 12/2023</b>
<ul style="list-style-type: none"><li><b>ChessEra:</b> Multi-Platform game client and server development.<ul style="list-style-type: none"><li>Designed and developed an <b>arena pairing mode</b> for ChessEra using Java, C#, and Unity2D.</li><li>Designed the game objects, implemented real-time leaderboard updates and developed the pairing system.</li></ul></li></ul>			

## Projects

- DataGuard:** Developed an NER-Based [application](#) that masks personal and medical information. **(02/2025)**
- Hospital Connect:** Built a [webapp](#) enabling people to locate nearby hospitals and consult with doctors via integrated maps, chat, and video call features. **(10/2024)**
- RemiAI:** Created a [web application](#) that utilizes symptom information to predict diseases. **(02/2024)**
  - Achieved an accuracy of 93.4% with the ML model.
- Panic Shield:** Built a smart watch app named [PanicShield](#) to detect and respond to panic attacks using Python (SKLearn, Numpy) and Swift. **(10/2023)**
  - Achieved an accuracy of 91.1% with the [ML model](#).
- KCET College - Predictor:** Designed and developed an [app](#) for predicting college acceptance based on the KCET (Karnataka Common Entrance Test) exam rank and other factors using Python. **(05/2023)**
- Blockchain Inventory Management:** Created a [webpage](#) for Inventory Management using HTML, JavaScript and Solidity **(06/2023)**
- Tkinter games:** Built [basic games](#) such as Tic-Tac-Toe and Mines using Python's Tkinter. **(04/2023)**

## Publications

- Sequeira, S., Adiga, T. B., Pattanashetti, N. V., Ramesh, M., Kodipalli, A., Rao, T. (2024) **Enhanced Detection of Thyroid Cancer Recurrence: Evaluating Multiple Classifiers and Interpreting with Explainable AI**, IEEE 4th Mysore Sub Section International Conference, Mysore, India, August 2024. (Presented at the Conference)
- Ramesh, M., Pattanashetti, N. V., Gowda H. B., Sequeira, S., Kodipalli, A., Rao, T. (2024) **Exploring Computational Models and Ensemble Techniques for Precise Heart Attack Prediction: Leveraging Hyperparameter Tuning with LIME & SHAP Interpretation**, IEEE 4th Mysore Sub Section International Conference, Mysore, India, August 2024. (Presented at the Conference)

## Awards

- Bronze Standard:** Achieved the Bronze Standard in **The Duke of Edinburgh's International Award** by engaging in community volunteering, improving physical fitness, acquiring new skills, and completing an adventurous trek. **(02/2019)**
  - The trek took place at **Ramanagara Hills**, around 50 kilometers from Bangalore.
- Gold Award:** Won 1st place at a hackathon called **BroCode** conducted by the college for all its students. **(07/2023)**
  - Consisted of over **20** teams.
- Gold Award:** Secured 1st place at a **blockchain hackathon** for a Blockchain Inventory Management website. **(03/2023)**
  - Conducted as a part of a workshop by **NITK, Suratkal** on blockchain technology.

## Skills & Interests

- Languages:** C# | Java | Python | C++ | C | MySQL | HTML | CSS
- Libraries:** Pandas | Numpy | Matplotlib | Scikit-Learn
- Developer tools:** Git | GitHub | Unity 2D | Jira | VS Code | Eclipse | Google Colab
- Core skills:** Data Structures | Algorithms
- Soft skills:** Problem Solving | Teamwork | Critical Thinking | Adaptability | Growth Mindset
- Spoken Languages:** English, Kannada, Hindi

## Volunteering

<b>Teacher</b>	<b><u>Youth For Seva</u></b>	<i>Bangalore, India</i>	<b>11/2023 – 01/2024</b>
<ul style="list-style-type: none"><li>Worked under the "Chote Scientist" program of the organization by teaching science experiments to the students of a government school in my city.</li></ul>			