SANKETH SEQUEIRA

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Education

Bachelor of Engineering — **Global Academy of Technology** — *Bangalore, India* — **12/2021 - 07/2025**

- Major in Information Science and Engineering.
- CGPA – 9.05

Pre-University — **Jain PU College** — *Bangalore, India* — **06/2019 - 05/2021**

- Grade - Distinction

High School — **Sri Kumaran Public School** — *Bangalore, India* — **06/2013 - 05/2019**

- Academic Marks – 85.67%

Work Experience

Software Engineer, Intern — **KreedaLoka** — *Bangalore, India* — **07/2023 - 12/2023**

- **ChessEra:** Multi-Platform game client and server development.
  - Designed and developed an **arena pairing mode** for ChessEra using Java, C#, and Unity2D.
  - Designed the game objects, implemented real-time leaderboard updates and developed the pairing system.

Projects

- **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.
- **Blockchain Inventory Management:** Created a webpage for Inventory Management using HTML, JavaScript and Solidity **(06/2023)**
- **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)**
- **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 (MysuruCon), 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 (MysuruCon), 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
- **Interests: Soccer:** Developed and demonstrated leadership skills as the captain of my university team.

Volunteering

Teacher — **Youth For Seva** — *Bangalore, India* — **11/2023 – 01/2024**

- Worked under the "Chote Scientist" program of the organization by teaching science experiments to the students of a government school in my city.