Gana Jayant **Sigadam**

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Work Experience

ApnaKonnect   *Remote*

Locality based social networking platform   *March 2022- Current.*

- Worked on designing community posts implemented using Node.js & MongoDB which increased 25% users in community.
- Added email authentication which increased application security by 15%.
- Helped in production of code in App Store & Play Store.

Projects

Celestial   *MERN*

Social media application for star grazing enthusiast   *GitHub*

- A Social media web application for users who are interested in star grazing, this project is made using MERN Stack.
- Users can add, like, save & comment posts.
- **celestialfrontend.onrender.com**

Drug Target Interaction Using GCN   *Pytorch*

Prediction of Drug-Ligand Interaction   *GitHub*

- Binary classification problem to predict a particular ligand interacts with protein or not.
- Used a special convolutional neural network which is Graph Convolutional Neural Network.
- The framework used is Pytorch.

Zero Day   *React-Native, Firebase*

Mobile Application for connecting alumni   *GitHub*

- A social media mobile application to connect alumni of a college.
- This is a hackathon project conducted by our college.

Hotel Management System   *JAVA, MySQL*

Mobile Application for connecting alumni   *GitHub*

- A Command line application used to manage hotel.
- Hotel Manager can add customers, allocate a room or order food for customers.

Technical Skills

Strongest Areas	Data Structures, Algorithms, OOPS, Web Development, Machine Leaning & Deep Learning
Programming Languages	C, JAVA, JavaScript, Python
Libraries/Frameworks	React.js, Express.js, Git, Node.js, HTML5, CSS3, PyTorch
Database	MongoDB, MySQL, Firebase
Platforms	Render, Azure

Education

Indian Institute of Information Technology, Sri City   *Chittoor, India*

BTech Computer Science   *Dec. 2020 - Present*

- 8.89/10

Achievements

- Solved 650+ Problems & Contest Rating of 1500+ with community views around 32k in leetcode.
- Selected for Wikimedia Mini Hackathon which held in IIIT Hyderabad and contributed to open-source tool of Wikimedia foundation.

Position of Responsibility

Extended Core Member

Matrix, IIITS   *March. 2023 - Present*

- Conducted multiple hackathons and events.