


Sreenath S

Final Year B.Tech Student

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Projects

Social Network Analysis using Gephi

- Implemented [Machine Learning](#) algorithms using [Python](#), to predict the genres that movie should belong to have a greater success ratio based on popularity.
- Gephi used to showcase the social network after cleaning the dataset.
- NetworkX library used as a way to represent the general picture of the network.

Full Stack Chat Application using Socket.IO

- Developed a [Realtime Chat Application](#) using [Socket.IO](#) and [Express](#).
- Using a JavaScript Library Socket.IO provided low latency communication between client & server
- Used [Tailwind CSS](#) for styling and [MongoDB](#) as a database for this project
- The app supports direct messages as well as group chats.
- It also has support for emojis, typing indicators and also notifications for unread messages

Password Manager

- Created a [Password Analyzer+Generator+Getter](#) using HTML,CSS as frontend and PHP,JavaScript as backend. Also created a alternative using Python for the same project with same functionings.
- Password stored using encrypting algorithm such as aes256 and sha512 to ensure the security of password and storing in the database and decrypting it when master password entered by the user.
- The Analyzer checks the present strength and redirects to Generator if password is weak where Random password generated after giving the master password and name of the application.
- The random password is generated and stored in MySQL database which is fetched when called by the Getter.

Education

Vellore Institute of Technology

B.Tech. Computer Science & Engineering

CGPA : **8.61**

Army Public School, Mhow

Higher Secondary School Certificate

Percentage : **93.4%**

Army Public School, Pune

Certificate of Secondary Education

Examination

Percentage : **93.4%**

Languages & Skills

- C/C++
- Python
- Java
- HTML, CSS
- JavaScript
- PHP
- Gephi
- MySQL
- Cassandra
- MongoDB
- Canva
- Socket.IO
- React.JS
- Express
- Flask

Achievements

- Finished in the Top 5 in Envisage 2.0 Ideathon among 70+ teams.
- Cleared two rounds out of more than 50,000 teams in Maruti EXCElerate competition for B-Schools and Engineering Colleges.
- Managed technical team with a strength of 40+ members for a tenure of 1.5 years.

Position Of Responsibilities Held

Paytm Backend Developer (Intern) -

- Developed plugins for Paytm Flights using Python (Flask) and OpenAI library to interact with customers through Paytm Flights Page and Filter results.
- Fixed bugs in the vendor list for Bus Travel Department and gave daily updates through the Stand-up.
- Created POC for Smart Provider Integration System for the Frontend Team.

OWASP VITCC Technical Manager -

- Assigned weekly tasks such Blogs, Infographics etc. to member and coordinated with other departments of the biggest club in VIT Chennai.
- Analyzed and contributed towards projects and communicated project status, delivering audience messages and change management with other departments.
- Organized HackOverFlow, a 24 hour Ideathon + Hackathon by coordinating with other members of the club.

DevTown Student Intern -

- Reported back to instructor to receive day-to-day tasks and responsibilities.
- Completed research, compiled data and assisted in timely reporting.