SIDDARTH AMBANNAVAR

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Passionate full stack developer. Loves to build end-to-end applications. Dedicated to leverage my technical skills to collaborate with cross-functional teams to deliver engaging websites.

Education

- BE in Machine Learning - B M S College of Engineering, Bangalore |2020-24 | **CGPA: 8.52**
- Class 12 - K L E Prerana Science College, Hubli |2018-20 | **Percentage: 85.7%**
- Class 10 - S D M Central School, Dharwad |2008-18 | **Percentage: 92.4%**

Work Experience

AI Research Intern at IIIT-B   **August 2023 - Present**

- Extracting EEG signals from the brain for classifying between practitioners and non-practitioners of Yoga and Meditation.
- Understanding of different parts of the brain responsible for different functioning.
- Making use of different frequency of signals emitted by the brain to understand the nature of the human.
- Doing research at Indian Knowledge System(IKS) Lab at IIIT-B.
- **Learnings: LSTM, CNN, 1D to 2D feature generation.**

Projects

PharmaPlus

- A medical E-commerce website where the retailers can make orders for customers and provide invoice.
- Created frontend using **React** and **Redux**. Used **Nodejs** and **Expressjs** in Backend to create secure user authentication(**web tokens**), seamless purchase with dummy payment using **MongoDB** database. Overall used **MERN Stack**.

Social Media REST APIs

- Rest APIs created to maintain users, their data(messages), likes, followers and following record.
- Used **Python Flask** framework for creating API endpoints and **PostgreSQL** for databases.
- **Learnings: Flask, PostgreSQL.**

Audiobooks App - Machine Learning

- The idea was to focus marketing efforts on regular audiences rather than all audiences.
- Python was used to clean the data and train the **neural network** model, which resulted in an **accuracy of 82.59%**.

Skills

- **Programming Languages** - Java, Javascript, Typescript, C++, Python
- **Frontend** - HTML, CSS, Reactjs, Redux, Nextjs, Bootstrap
- **Backend** - Nodejs, Expressjs, Django, API Development
- **Database** - MongoDB(NoSQL), PostgreSQL, MySQL
- **Version Control** - Git, GitHub
- **Data Science** - Machine Learning, Deep Learning, Statistics, Data Analytics, Power BI
- **Linux** - Bash Scripting