Jyoshitha Reddy Chandrapu

Mob. +91 7036419729 ✉ chjyoshithareddy@gmail.com ✉ 22211A6723@bvrit.ac.in

Education

B.Tech in Computer Science and Engineering (Data Science) (2022 - 2026) B.V. Raju Institute of Technology	CGPA: 8.86
Intermediate - Sri Chaitanya Junior College (2020 - 2022)	Percentage: 96%
SSC - Sri Chaitanya School (2020)	CGPA: 10.0

Projects

Brain Stroke Prediction and Classification using Deep Learning — Mar 2024 – June 2024
Python, TensorFlow, Keras, CNN, NumPy, Pandas, Matplotlib, Scikit-learn

- Developed a Convolutional Neural Network (CNN) model to predict and classify brain strokes (ischemic or hemorrhagic) based on medical imaging data, achieving high accuracy in diagnosis.
- Used activation functions (ReLU, Softmax) and the Adamax optimizer to improve accuracy and performance.
- Performance is visualized with accuracy and loss plots, and the model's performance is assessed using a confusion matrix and classification report.

Simple Library Management System — Mar 2024 – June 2024
frontend design: HTML, CSS, JavaScript

- Built an interactive web-based Library Management System using HTML, CSS, and JavaScript to facilitate efficient book inventory management.
- Implemented dynamic features for adding, displaying, and deleting books and user records with real-time updates using JavaScript.
- Designed a responsive and user-friendly interface that adapts across different devices, enhancing accessibility and usability.

Currency Converter — Oct 2023 – Nov 2023
Java, HashMap, Exception Handling

- Developed a dynamic currency converter in Java, utilizing a HashMap for storing exchange rates between multiple currencies (USD, EUR, GBP, JPY, INR).
- Implemented conversion logic by first converting the input amount to a base currency (USD), then converting it to the target currency for accurate results.
- Handled user input and error scenarios such as invalid currency codes and unsupported conversions with clear exception handling and informative error messages.

Skills

Programming Languages: Python, Java, C
Web Development: HTML5, CSS3, JavaScript, React, NodeJS, Angular
Tools & Database: Power BI, IDLE, Git, Jupyter, Google colab, MySQL
Soft Skills: Adaptability, Teamwork, Leadership, Responsibility

Coding Profile

- **Hackerrank**: https://www.hackerrank.com/22211a6723
- **CodeChef**: https://www.codechef.com/users/a6723
- **Mentorpick**: https://mentorpick.com/profile/22211a6723-chandrapu
- **Leetcode**: https://leetcode.com/22211a6723
- **Codeforces**: https://codeforces.com/profile/22211a6723
- **Github**: https://github.com/jyoshitha24

Certifications

- **Java Fundamentals** — Oracle
- **Java Foundations** — Oracle
- **Advanced Spoken English** — British Council
- **Python Foundation Level** — BitLabs
- **Summer Of AI Internship Program** — Swecha
- **Softskills** — nptel

Workshops

- **Datathon Workshop on Power BI** – Gained hands-on experience in data visualization, dashboard creation, and business analytics.
- **Blockchain Workshop** – Learned the foundations of blockchain technology and Web3.

Achievements

- Awarded **Distinction** in High School and Higher Secondary Education, demonstrating strong academic performance.
- Earned a **5-star Gold badge** in Problem Solving on HackerRank.

Interests

- Passionate about **Web Development** and **Data Science**, with a strong foundation in building interactive applications and deriving insights from data.

About Me

A motivated individual with a strong passion for **web development** and **data science**. I enjoy building interactive web applications and continuously learning new technologies to solve real-world problems.

Personal Profile

- **Date of Birth:** 24-September-2004
- **Marital Status:** Unmarried

Extracurricular Activities

- Actively participated in several hackathons, working on real-world challenges.
- Passionate badminton player.