

BUSI REDDY SAINADHA REDDY

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in [Linkedin](#) [Github](#) [Portfolio](#)

EDUCATION

B.Tech. (CSE) **CGPA: 9.13**
Jawaharlal Nehru Technological University Hyderabad
📅 2022 – 2026 📍 Hyderabad, Telangana

Intermediate **97.8%**
Narayana Junior College
📅 2019 – 2021 📍 Hyderabad, Telangana

Secondary **CGPA: 10**
The Laurel High School, Karimnagar
📅 2019 📍 Karimnagar, Telangana

ACHIEVEMENTS

- Qualified **GATE 2025** in **Computer Science and Data Science & AI**, demonstrating strong proficiency in Problem Solving, Machine Learning, Probability and Statistics, Databases, and Data Structures & Algorithms.
- Winner of **two consecutive editions** of **QuiZone**, organized by the Siddartha Group of Institutions.
- **Runner-up** in the **State-Level Maths Olympiad (2017)**, held on National Mathematics Day, competing with 500+ students across Telangana.
- Secured **2nd place** in the **State-Level Quiz Expo**, organized by the Government of Telangana (400+ participants).
- Solved over **200 coding problems** across various online platforms, strengthening algorithmic and problem-solving skills.

TECHNICAL SKILLS

Programming Languages

- Python, R, SQL, Java, C

Data Science and Machine Learning

- **Libraries & Tools:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Power BI, Tableau
- Data Cleaning, Feature Engineering, Regression, Classification, Clustering
- Hypothesis Testing, Probability, Statistical Analysis, Model Evaluation
- Natural Language Processing (NLP), Text Analytics

Web Development

- **Frontend:** HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs, Middlewares
- **Databases:** MongoDB, SQL
- **Version Control & Deployment:** Git, GitHub, Render, Netlify
- **Deployment:** Render, Netlify, Streamlit, Vercel

PROJECTS

Health Insurance Claim Prediction [\[GitHub\]](#)

- **Tech Stack:** Python, Jupyter Notebook, Pandas, NumPy, Scikit-learn, Matplotlib
- Built a regression-based **Machine Learning model** to predict health insurance claim amounts.
- Analyzed key features such as age, BMI, smoking status, and region to improve prediction accuracy.
- Utilized **data preprocessing, feature scaling, and model evaluation metrics** to ensure robust results.
- Deployed the model using **Streamlit** for an interactive user interface.

AI Note Maker [\[GitHub\]](#)

- **Tech Stack:** Next.js, Tailwind CSS, Convex, Google Generative AI
- Built an AI-powered web app that generates contextual notes and answers from uploaded PDF documents.
- Implemented vector embeddings for semantic search and question-answer retrieval.
- Designed an intuitive, responsive interface for document upload and interactive querying.
- Deployed the application on **Vercel** for real-time access and optimized performance.

ReCa - Cart for Reusables [\[GitHub\]](#)

- **Tech Stack:** HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, MongoDB, Cloudinary, Render
- Developed a full-stack web platform for students to buy and sell pre-owned items within the campus community.
- Integrated **Razorpay** for secure online transactions, ensuring a smooth payment workflow.
- Onboarded 100+ users and achieved 50+ successful transactions within the first deployment cycle.
- Deployed the application on **Render** with cloud-based image storage via **Cloudinary**.

RELEVANT COURSEWORK

- Data Structures and Algorithms (DSA)
- Operating Systems (OS)
- Database Management Systems (DBMS)
- Artificial Intelligence (AI)
- Machine Learning (ML)
- Probability and Statistics