

Krishna Shalawadi

Mobile: +91-8296949050 | Bangalore, Karnataka | Email: krishnashalawadi27@gmail.com | LinkedIn: linkedin.com/in/krishna-shalawadi | GitHub: github.com/Krishna-S-27

EXECUTIVE SUMMARY

Enthusiastic and goal-driven Information Science undergraduate with hands-on experience in software development and machine learning applications. Proficient in Python, JavaScript, web development. Demonstrated leadership as a project lead in academic research, integrating traditional and quantum machine learning to solve real-world problems. Eager to contribute to dynamic tech teams and apply innovative thinking to develop impactful software or data-driven solutions.

EDUCATION

- M S Ramaiah Institute of Technology** Bangalore, India
B.E. in Information Science and Engineering; CGPA: 7.93 2022 – Present
- Narayana PU College** Bangalore, Karnataka
2nd PUC, Science (PCMC): 93.5 May 2021 – May 2022

TECHNICAL SKILLS

- **Software/Tools:** AutoCAD, MATLAB, Tableau, Power BI, Git, Streamlit
- **Programming Languages:** Python, JavaScript, MySQL, ReactJS
- **Machine Learning Frameworks:** Scikit-learn, PennyLane
- **Online Courses with Certifications:** Web Development from Udemy (Ongoing)

PROJECTS

- **House Price Prediction using Machine Learning:**
 - Developed a regression model using the King County dataset to predict house prices based on features like bedrooms, area, location and other factors.
 - Applied and compared Linear, Ridge, XGBoost, Gradient Boost and Random Forest Regression algorithms using Scikit-learn; visualized model performance with metrics and plots.
 - **Tech Stack:** Python, Pandas, NumPy, Matplotlib, Scikit-learn
 - **GitHub:** House Price Prediction
- **Brain Tumor Detection using Quantum Machine Learning:**
 - Led a team of 4 to build a hybrid system combining classical ML (SVM, CNN, RF) and quantum ML (VQC, QCNN, QNN) for medical image classification.
 - Achieved 96% accuracy using CNN; authored a comparative analysis paper on classical vs quantum models.
 - **Tech Stack:** Python, Streamlit, Scikit-learn, PennyLane
 - **GitHub:** Classical, Quantum
- **DISCRETA – Discrete Mathematics Game Project:**
 - Developed interactive learning games based on set theory and graph concepts for educational use.
 - Built logic for the “Relation Game” and visualized Warshall’s Algorithm for transitive closure.
 - **Tech Stack:** Python, HTML, CSS, JavaScript, ReactJS
 - **GitHub:** KLM GameCraft, Warshall Algorithm

ACTIVITIES & INTERESTS

- **National Service Scheme - RIT:** Volunteer and Poster Designer (2023 – Present)
- **Languages:** English, Kannada, Hindi
- **Interests:** Volleyball, Cricket, Singing, Traveling
- **Soft Skills:** Team Leadership, Critical Thinking, Communication, Adaptability