Potluri Krishna Priyatham

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GitHub: https://github.com/kittupriyatham/
Coding Profiles: https://www.stopstalk.com/user/profile/kittu_priyatham
My Portfolio: https://potluri-krishna-priyatham.azurewebsites.net/
Video Resume: https://www.youtube.com/watch?v=-4KNQBN91eM

I am a Neophilia striving to be an all-rounder. Streamlined by a problem-solving attitude, I first aim to attain a fast and approximate solution to a problem and then optimise the solution for the best results based on the situation.

SKILLS

- **Technical Skills:** C, C++, Java, Python, HTML, CSS, JavaScript, Flask, Pandas, NumPy, Scikit Learn, Matplotlib, OpenCV, TensorFlow, PyTorch, Qiskit, Cirq, Q#, AWS, Microsoft Azure, Google Cloud Platform, MySQL, MongoDB, Seaborn, Power BI, Git,GitHub
- **Core Competencies:** Software Development, Data Science, Machine Learning, Artificial Intelligence, Quantum Computing.
- **Soft Skills:** Problem-solving, Adaptability, Analytical Skills, Learning Ability, Team-Lead, Abstraction, Team Player, Critical Thinking

WORK EXPERIENCE

- **Deputy Engineer at Bharat Electronics Limited**   **(June 2025 - Present)**
  - working on Ventilator System UI using Qt, and QML GUI technologies
  - Worked on Vaams Project to document and audit vulnerabilities in both software and hardware products.
- **Intern at Jio Platforms Limited**   **(Aug 2022 - Jul 2023)**
  - Contributed to maintaining the JioMeet MacOS application using Swift and Objective C.
  - Collaborated with senior developers to implement new features and functionalities for enhanced user experience.
- **Internship Trainee at Indian Servers**   **(Jun 2021 - Aug 2021)**
  - Developed an ML model for iris flower classification as part of the 'IRIS-C' project and deployed it in the Python Flask web app.
  - Deployed the web application on Azure app service, making it accessible to users at mlmd2.azurewebsites.net.
- **Internshala Student Partner at Internshala**   **(May 2020 - Aug 2020)**
  - Marketed and promoted Internshala Trainings to fellow students, raising awareness about available learning opportunities.
  - Successfully enrolled 110 new students in Internshala Trainings, demonstrating effective sales and marketing techniques.

Projects

- **IRIS FLOWER CLASSIFICATION [GitHub]**
  - Developed a machine learning model for iris flower classification, leveraging Python libraries such as Scikit-learn to classify iris species based on sepal and petal measurements and deployed it in the Python Flask web app.
- **GenAI Telegram bot [GitHub]**
  - Leveraging the ability and uses of APIs of AI chatbots like OpenAI ChatGPT, Google Gemini, and Telegram messenger, I have created a Telegram messenger bot that acts as an alternative client for the users, bringing them closer to advanced technologies.
- **Multiple Simple WebApps: FaceRecognition, ObjectDetection, VideoStreaming [GitHub 1, GitHub 2, GitHub 3]**
  - I have developed several web applications utilizing libraries like OpenCV (displaying camera streams in video streaming, object detection using cascade filters) and facerecognition (for face recognition).
- **Titanic Survival in R Language [GitHub]**
  - A Simple Machine learning project in R language predicts people's survival based on various aspects. This project demonstrates data analysis in R language.
- **CarManufacturingCompany - Java Swing GUI [GitHub]**
  - A simple GUI project built using the Java swing library. The project stands as a GUI client to order a car purchase, giving inputs of choices of colour, shape, wheel type, etc.

EDUCATION

- **B.Tech in Computer Science and Engineering**   **(Aug 2019 - Apr 2023)**
  KL Deemed to be University, Vaddeswaram
- **Intermediate**   **(May 2015 - May 2017)**
  Narayana Junior College, Vijayawada
- **High School**   **(Jul 2006 - May 2015)**
  Viswabharati High School, Gudivada.

Certifications

- **Qubit x Qubit's Introduction to Quantum Computing** (The Coding School - 2024)
- **Microsoft Certified: Azure Developer Associate** (Microsoft - 2022)
- **Certified Entry-Level Python Programmer** (OpenEDG Python Institute - 2022)
- **Cambridge Business English Preliminary** (Cambridge University - 2021)
- More at *Credly Profile*

Hobbies

- **Exploring recent technologies and programming languages**
- **Participating in hackathons or coding competitions**
- **Contributing to open-source project**
- **Attending industry meetups and conferences**
- **Following recent advances in theoretical physics**