



Potluri KrishnaPriyatham

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Date of Birth: 14 Dec 1999 **GitHub:** <https://github.com/kittupriyatham>

LinkedIn: <https://www.linkedin.com/in/potluri-krishna-priyatham>

Coding Profile: 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)
 - Developing the AEW&C Maintenance Management System using Java Spring Boot, React, and Python, while previously engineering a high-reliability Ventilator System UI with Qt/QML.
 - Executing the Vaams Project to conduct comprehensive security audits and document vulnerabilities across integrated 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 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

- **OwnAgent: Autonomous AI Assistant [GitHub]**
 - Developed an autonomous agent using LangChain and Gemini-2.0-flash that executes complex system tasks, file operations, and real-time web research through a custom toolset.
- **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).
- **BookCollectionManager [GitHub]**
 - Developed a full-stack CRUD application using **Java Spring Boot** and **PostgreSQL** to manage personal libraries with persistent data storage and a RESTful API architecture.
 - Designed and integrated a responsive **React** frontend to provide a seamless user interface for library navigation and real-time collection updates
- **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.

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

- **Microsoft Certified: Azure Developer Associate** (Microsoft - 2022)
- **Certified Entry-Level Python Programmer** (OpenEDG Python Institute - 2022)
- More at [[Credly Profile](#)]

Hobbies

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