PRAMITH KIRAN GOVINDA REDDY BHASKAR

Amherst, Massachusetts

📞 (413) 315-0324 ✉ pgovindaredd@umass.edu 🔗 pramithkiran 🐙 pramith08 🌐 pramithkiran.in

EDUCATION

University Of Massachusetts, Amherst   **Jan 2025 – Expected Dec 2026**
Masters of Science in Computer Science   *Amherst, Massachusetts*
Coursework: *Machine Learning, Software Engineering, Optimization in Computer Science.*

Sri Sairam Engineering College, Chennai   **Aug 2020 – Apr 22024**
B.E Computer Science and Engineering - ***GPA - 8.34/10***   *Chennai, TN, India*
Coursework: *Data Structures, Design and Analysis of Algorithms, Artificial Intelligence, Cryptography, Object-Oriented Programming, Database Management System, Operating System, Computer Networks, Micro-processors and Micro-controllers, Cloud Computing, Big Data.*

TECHNICAL SKILLS

Languages: C, Python, Java, C++, Dart, HTML, CSS, JavaScript, MySQL
Frameworks & Libraries: MongoDB, NumPy, Pandas, TensorFlow, Matplotlib, React, Tailwind CSS.
Developer Tools: Git, Visual Studio, Flutter, Firebase, WordPress, Android Studio, Cisco Packet Tracer, AWS, Spark, Canva, Figma, Adobe, Auto CAD, Tableau, Eclipse, PostgreSQL, Flask, Microsoft 365, Docker, Command/Prompt/Powershell/Bash.

PROJECTS

Aero Encrypt ⎘ | Python, Flutter, Docker   **2022 – 2024**
- A Flutter-based app for secure password storage and retrieval using hybrid AES+RSA encryption, ensuring credentials are stored locally and accessible only by the user.
- **Secure Credentials, Offline Functionality, Unique Device Storage.**

Lung Cancer Detection System ⎘ | Python, CNN, Watershed Algorithm   **2021 – 2024**
- A web application for early detection of lung cancer and tumors, integrating CNN and the Watershed algorithm to analyze lung CT scans and provide accurate diagnosis support.
- **Deep Learning with CNN, Feature Extraction with Watershed Algorithm.**

Ezzy Search ⎘ | Python, Streamlit, Selenium   **2020 – 2021**
- Developed a Python application with a Streamlit interface to help new GitHub users explore repositories, using Selenium for automated web scraping to enhance the search process.

INTERNSHIP / EXPERIENCE

Vectra Technosoft Private Limited   **06/03/2023 – 05/05/2023**
Intern Trainee   *Chennai, India*
- Internship training on PODMAN and CONTAINERS on redhat.

Research Paper Published in ICCEBS'23 ⎘   **14/12/2023 – 15/12/2023**
International Conference   *Chennai, India*
- Presented and published a research paper detailing a novel approach for early lung cancer detection, integrating the Watershed Algorithm for feature extraction with Convolutional Neural Network (CNN) for early diagnosis.

Participated in IEEE Xtreme 16.0   **22/10/2022**
Global Hackathon   *Chennai, India*
- Participated in 24-hour coding competition, IEEE Xtreme 16.0.

CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA) - Red Hat.
- Google Cybersecurity Professional Certificate - Coursera.
- Cloud Computing - Nptel.
- Softskill development - Nptel.
- Design & Implementation of Human-Computer Interface - Nptel.