

PRAMITH KIRAN GOVINDA REDDY BHASKAR

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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 2024

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.