



## Contact

### Phone

+91-9886447450 (Indian phone no.)  
+82-01058132704 (Korean phone no.)

### Email

dharathi.venkatesh@gmail.com

### LinkedIn

www.linkedin.com/in/dharathi-venkatesh-707b9720a

### GitHub

https://github.com/dharathi

## Education

2022 - 2023

### Computer Science Engineering (2yrs)

Kyungpook National University, Daegu  
South Korea

2019-2021

### Computer Science Engineering (2yrs)

CHRIST (Deemed To Be) University,  
Bangalore, India

## Certifications

- Complete Python Bootcamp (Udemy - April 2021)
- Web Development (Internshala - May 2021)
- Android App Development (Internshala - November 2021)
- UI Design (Internshala - August 2022)

## Languages

English  
Kannada  
Hindi  
Korean (Beginner)

# Dharathi Venkatesh

A final-year Computer Science Engineering student at Kyungpook National University, Daegu, South Korea, with a strong passion for problem-solving and code building, eager to learn and apply the latest technologies to address real-world challenges.

## Internships

### Jun 2023 - Present

Software Dependability Analysis Lab (Kyungpook National University)  
**Research Intern**

Working on developing an AI model pipeline for software code vulnerability detection, employing Natural Language Processing (NLP) and Deep Learning techniques.

### Jan 2023 - Feb 2023

Bosch Global Software Technologies  
**AI/ML Intern**

Automated the mapping of a Requirements Database using Natural Language Processing (NLP) and Deep Learning.

### May 2021

The Sparks Foundation

### Web Development Intern

Developed and hosted a website for a Basic Banking System with database integration.

## Strengths & Skills

- Strengths: Passionate Coding Enthusiast, Collaborative Team Player, Creative Problem Solver
- Proficient in Programming Languages: Python, Java, C
- Skilled in basics of Machine Learning, Deep Learning, and Natural Language Processing
- Data Science and Analysis: Proficient in data cleaning and analysis, with experience in using Pandas, Numpy, ScikitLearn, and Matplotlib libraries
- Version Control: Experienced in using Git for version control and access management.
- Web Development: Skilled in creating responsive web applications using HTML, CSS, Bootstrap and PHP
- Adept at UI design, harnessing Figma to craft user-friendly and visually appealing interfaces

## Projects

### June 2022

#### Data Analysis: Daegu Metro EDA

Conducted exploratory data analysis on Daegu Metro station usage data to understand passenger behavior.

GitHub link: <https://github.com/dharathi/EDA-DaeguMetro>

### June 2023

#### VulBERTa Paper Analysis: Vulnerability Detection using Deep Learning

Analyzed the "VulBERTa" paper's outcomes on various datasets for vulnerability detection using deep learning.

GitHub link: <https://github.com/dharathi/VulBERTa-reproduction>

### June 2023

#### Website for University Cafeteria Meal Coupon Generation

Co-created a website for university students to purchase meal coupons online, using HTML, CSS, and PHP.

Website link: <https://testing-oswin.000webhostapp.com/>

### Current Work

#### LingoLearner: React Native application

Crafting a dynamic React Native application dedicated to multilingual alphabet learning.